

Compilation of Changes to the CPC Scheme Between 2022.01 and 2022.02

Presentation Details

- Entries for new symbols and headings: *Black text in italics*
- Entries for existing symbols and headings
- text insertions: *Green text in italics with yellow background*
 - text deletions: ~~Red strikethrough text with grey background~~
- Entries for deleted symbols and headings: ~~Black strikethrough text~~
- Entries arranged by project.
 - In cases when the originating project cannot be found, "N/A" is given for the Project information (e.g. the change could be due to an Editorial Correction).
 - Projects ending in "-F" indicate finalisation after reclassification was completed.

Project: MP0150-F (H03L)

- U H03L 7/00 Automatic control of frequency or phase; Synchronisation (tuning of resonant circuits in general [H03J](#); synchronising in digital communication systems, see the relevant groups in class [H04](#))**
- U H03L 7/06 · using a reference signal applied to a frequency- or phase-locked loop
- U H03L 7/08 · · Details of the phase-locked loop
- U H03L 7/081 · · · provided with an additional controlled phase shifter {([H03L 7/0998](#) takes precedence)}
- M H03L 7/0812 · · · · {and where no voltage or current controlled oscillator is used}
- WARNING**
~~Group H03L 7/0812 is impacted by reclassification into groups H03L 7/0816 and H03L 7/0818.~~
~~Groups H03L 7/0812, H03L 7/0816 and H03L 7/0818 should be considered in order to perform a complete search.~~
- M H03L 7/0814 · · · · {the phase shifting device being digitally controlled}
- WARNING**
~~Group H03L 7/0814 is impacted by reclassification into groups H03L 7/0816 and H03L 7/0818.~~
~~Groups H03L 7/0814, H03L 7/0816 and H03L 7/0818 should be considered in order to perform a complete search.~~
- M H03L 7/0816 · · · · {the controlled phase shifter and the frequency- or phase-detection arrangement being connected to a common input}
- WARNING**
~~Groups H03L 7/0816 and H03L 7/0818 are incomplete pending reclassification of documents from groups H03L 7/0812 and H03L 7/0814.~~
~~Until reclassification is complete, groups H03L 7/0816, H03L 7/0818, H03L 7/0812 and H03L 7/0814 should be considered in order to perform a complete search.~~
- M H03L 7/0818 · · · · {the controlled phase shifter comprising coarse and fine delay or phase-shifting means}
- WARNING**
~~Groups H03L 7/0816 and H03L 7/0818 are incomplete pending reclassification of documents from groups H03L 7/0812 and H03L 7/0814.~~

Until reclassification is complete, groups H03L 7/0816, H03L 7/0818, H03L 7/0812 and H03L 7/0814 should be considered in order to perform a complete search.

- M H03L 7/10
- • • for assuring initial synchronisation or for broadening the capture range
- WARNING
Group H03L 7/10 impacted by reclassification into groups H03L 7/102, H03L 7/103, H03L 7/104 and H03L 7/105.
Groups H03L 7/10, H03L 7/102, H03L 7/103, H03L 7/104 and H03L 7/105 should be considered in order to perform a complete search.
- U H03L 7/101
- • • {using an additional control signal to the controlled loop oscillator derived from a signal generated in the loop ([H03L 7/113](#), [H03L 7/187](#) take precedence)}
- M H03L 7/102
- • • • {the additional signal being directly applied to the controlled loop oscillator}
- WARNING
Group H03L 7/102 is incomplete pending reclassification of documents from group H03L 7/10.
Until reclassification is complete, groups H03L 7/102 and H03L 7/10 should be considered in order to perform a complete search.
- M H03L 7/103
- • • • • {the additional signal being a digital signal}
- WARNING
Group H03L 7/103 is incomplete pending reclassification of documents from group H03L 7/10.
Until reclassification is complete, groups H03L 7/103 and H03L 7/10 should be considered in order to perform a complete search.
- M H03L 7/104
- • • • {using an additional signal from outside the loop for setting or controlling a parameter in the loop ([H03L 7/107](#), [H03L 7/12](#) take precedence)}
- WARNING
Group H03L 7/104 is incomplete pending reclassification of documents from group H03L 7/10.
Until reclassification is complete, groups H03L 7/104 and H03L 7/10 should be considered in order to perform a complete search.
- M H03L 7/105
- • • • {Resetting the controlled oscillator when its frequency is outside a predetermined limit}
- WARNING
Group H03L 7/105 is incomplete pending reclassification of documents from group H03L 7/10.
Until reclassification is complete, groups H03L 7/105 and H03L 7/10 should be considered in order to perform a complete search.
- M H03L 7/107
- • • • using a variable transfer function for the loop, e.g. low pass filter having a variable bandwidth
- WARNING
Group H03L 7/107 impacted by reclassification into groups H03L 7/1072, H03L 7/1075 and H03L 7/1077.
Groups H03L 7/107, H03L 7/1072, H03L 7/1075 and H03L 7/1077 should be considered in order to perform a complete search.

- M H03L 7/1072 {by changing characteristics of the charge pump, e.g. changing the gain}
- WARNING**
~~Group H03L 7/1072 is incomplete pending reclassification of documents from group H03L 7/107.~~
~~Until reclassification is complete, groups H03L 7/1072 and H03L 7/107 should be considered in order to perform a complete search.~~
- M H03L 7/1075 {by changing characteristics of the loop filter, e.g. changing the gain, changing the bandwidth ([H03L 7/1072](#) takes precedence)}
- WARNING**
~~Group H03L 7/1075 is incomplete pending reclassification of documents from group H03L 7/107.~~
~~Until reclassification is complete, groups H03L 7/1075 and H03L 7/107 should be considered in order to perform a complete search.~~
- M H03L 7/1077 {by changing characteristics of the phase or frequency detection means ([H03L 7/1072](#) takes precedence)}
- WARNING**
~~Group H03L 7/1077 is incomplete pending reclassification of documents from group H03L 7/107.~~
~~Until reclassification is complete, groups H03L 7/1077 and H03L 7/107 should be considered in order to perform a complete search.~~

Project: MP0503 (A01N)

- M A01N **PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF (preservation of food or foodstuff [A23](#)); BIOCIDES, e.g. AS DISINFECTANTS, AS PESTICIDES OR AS HERBICIDES (preparations for medical, dental or toilet purposes which kill or prevent the growth or proliferation of unwanted organisms [A61K](#)); PEST REPELLANTS OR ATTRACTANTS; PLANT GROWTH REGULATORS**

NOTES

- This subclass covers:
 - compositions, physical forms, methods of application of specific materials or the use of single compounds or compositions
 - chemosterilants for the sexual sterilisation of invertebrates, e.g. insects, whereas sex sterilants for other purposes are covered by [A61K](#).
- This subclass does not cover materials which affect the growth of a plant solely by supplying nutrients, i.e. plant food, ordinarily required for growth or materials which are used to prevent or cure mineral deficiencies in plants, e.g. addition of iron chelates to cure iron chlorosis, which materials are covered by class [C05](#).
- In this subclass, the following expression is used with the meaning indicated:
 - "plant growth regulators" are those materials which alter the plant through a chemical modification of the plant metabolism, such as auxins.
- Biocidal, pest repellent, pest attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass [A01P](#).

5. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions.}

WARNING

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

[A01N 43/824](#) covered by [A01N 43/82](#)

A01N 43/828	covered by	A01N 43/82
A01N 43/832	covered by	A01N 43/82
A01N 43/836	covered by	A01N 43/82
A01N 53/02	covered by	A01N 53/00
A01N 53/04	covered by	A01N 53/00
A01N 53/06	covered by	A01N 53/00
A01N 53/08	covered by	A01N 53/00
A01N 53/10	covered by	A01N 53/00
A01N 53/12	covered by	A01N 53/00
A01N 53/14	covered by	A01N 53/00
A01N 55/10	covered by	A01N 55/00

M A01N 25/00 **Biocides, pest repellants or attractants, or plant growth regulators, characterised by their forms, or by their non-active ingredients or by their methods of application {, e.g. seed treatment or sequential application}; Substances for reducing the noxious effect of the active ingredients to organisms other than pests**

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 27/00 **Biocides, pest repellants or attractants, or plant growth regulators containing hydrocarbons**

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 29/00 **Biocides, pest repellants or attractants, or plant growth regulators containing halogenated hydrocarbons**

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 31/00 **Biocides, pest repellants or attractants, or plant growth regulators containing organic oxygen or sulfur compounds**

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 33/00 **Biocides, pest repellants or attractants, or plant growth regulators containing organic nitrogen compounds**

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

- M A01N 35/00** Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having two bonds to hetero atoms with at the most one bond to halogen, e.g. aldehyde radical
- NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}
- M A01N 37/00** Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having three bonds to hetero atoms with at the most two bonds to halogen, e.g. carboxylic acids (containing cyclopropane carboxylic acids or derivatives thereof, e.g. cyclopropane carboxylic acid nitriles, [A01N 53/00](#))
- NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}
- M A01N 39/00** Biocides, pest repellants or attractants, or plant growth regulators containing aryloxy- or arylthio-aliphatic or cycloaliphatic compounds, containing the group $\text{Ar-O-C}_n\equiv\text{Y}$ or $\text{Ar-S-C}_n\equiv\text{Y}$, e.g. phenoxyethylamine, phenylthio-acetonitrile, phenoxyacetone
- NOTE
 1. In this group, the symbol C_n means a carbon skeleton, not containing an aromatic ring system wherein $n \geq 2$
 2. *{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}*
- M A01N 41/00** Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a sulfur atom bound to a hetero atom
- NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}
- M A01N 43/00** Biocides, pest repellants or attractants, or plant growth regulators containing heterocyclic compounds (containing cyclic anhydrides, cyclic imides [A01N 37/00](#); containing compounds of the formula $\text{X}_m\equiv\text{C}_n\text{-N}\begin{matrix} \text{C} \\ \diagup \quad \diagdown \\ \text{C} \end{matrix}$ containing only one heterocyclic ring, wherein $m \geq 1$ and $n \geq 0$ and $\text{-N}\begin{matrix} \text{C} \\ \diagup \quad \diagdown \\ \text{C} \end{matrix}$ is unsubstituted or alkylsubstituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine or a polymethyleneimine with four or more CH_2 groups, [A01N 33/00](#) - [A01N 41/12](#); containing cyclopropane carboxylic acids or derivatives thereof, e.g. esters having heterocyclic rings, [A01N 53/00](#))
- NOTES
 1. In group [A01N 43/00](#), the following terms or expressions are used with the meanings indicated:
 - "Hetero ring" is a ring having at least one halogen nitrogen, oxygen or sulfur atom as a ring member.

- "Bridged" means the presence of at least one fusion other than ortho, peri and spiro.
- Two rings are "condensed" if they share at least one ring member, i.e. "spiro" and "bridged" are considered as condensed.
- "Condensed ring system" is a ring system in which all rings are condensed among themselves.

2. In group [A01N 43/00](#), the number of rings in a condensed system equals the number of scissions necessary to convert the ring system into one acyclic chain. The relevant rings in a condensed system are chosen according to the following criteria consecutively:

- i. lowest number of ring members,
- ii. highest number of hetero atoms as ring members.

~~Ring members shared by two or more rings are regarded as being a member of each of these rings.~~

Ring members shared by two or more rings are regarded as being a member of each of these rings.

3. {In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 45/00

Biocides, pest repellants or attractants, or plant growth regulators, containing compounds having three or more carbocyclic rings condensed among themselves, at least one ring not being a six-membered ring (halogenated hydrocarbons [A01N 29/08](#); condensed with heterocyclic rings [A01N 43/00](#))

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 47/00

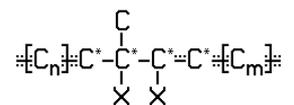
Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom not being member of a ring and having no bond to a carbon or hydrogen atom, e.g. derivatives of carbonic acid (carbon tetrahalides [A01N 29/02](#))

NOTE

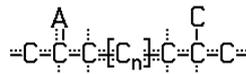
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 49/00

Biocides, pest repellants or attractants, or plant growth regulators, containing compounds containing the group



wherein $m+n \geq 1$, both X together may also mean —Y— or a direct carbon-to-carbon bond, and the carbon atoms marked with an asterisk are not part of any ring system other than that which may be formed by the atoms X, the carbon atoms in square brackets being part of any acyclic or cyclic structure, or the group



wherein A means a carbon atom or Y, $n \geq 0$, and not more than one of these carbon atoms being a member of the same ring system, e.g. juvenile insect hormones or mimics thereof (containing hydrocarbons [A01N 27/00](#))

NOTE

1. Group [A01N 49/00](#) is intended to cover insect hormones.

2. {In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 51/00

Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds having the sequences of atoms O—N—S, X—O—S, N—N—S, O—N—N or O-halogen, regardless of the number of bonds each atom has and with no atom of these sequences forming part of a heterocyclic ring

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 53/00

Biocides, pest repellants or attractants, or plant growth regulators containing cyclopropane carboxylic acids or derivatives thereof

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 55/00

Biocides, pest repellants or attractants, or plant growth regulators, containing organic compounds containing elements other than carbon, hydrogen, halogen, oxygen, nitrogen and sulfur (containing organo-phosphorus compounds [A01N 57/00](#))

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M A01N 57/00

Biocides, pest repellants or attractants, or plant growth regulators containing organic phosphorus compounds

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of [A01N](#).}

M	A01N 59/00	<p>Biocides, pest repellants or attractants, or plant growth regulators containing elements or inorganic compounds</p> <p><u>NOTE</u> <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>
M	A01N 61/00	<p>Biocides, pest repellants or attractants, or plant growth regulators containing substances of unknown or undetermined composition, e.g. substances characterised only by the mode of action</p> <p><u>NOTE</u> <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>
M	A01N 63/00	<p>Biocides, pest repellants or attractants, or plant growth regulators containing microorganisms, viruses, microbial fungi, animals or substances produced by, or obtained from, microorganisms, viruses, microbial fungi or animals, e.g. enzymes or fermentates (containing compounds of determined constitution A01N 27/00 - A01N 59/00; unicellular algae A01N 65/03)</p> <p><u>NOTE</u> 1. In this main group and its indented subgroups, the last place priority rule is not applied, i.e. the common rule is applied. 2. <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>
M	A01N 63/50	<ul style="list-style-type: none"> • Isolated enzymes; Isolated proteins (peptides A01N 37/46) <p><u>NOTE</u> <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>
M	A01N 63/60	<ul style="list-style-type: none"> • Isolated nucleic acids <p><u>NOTE</u> <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>
M	A01N 65/00	<p>Biocides, pest repellants or attractants, or plant growth regulators containing material from algae, lichens, bryophyta, multi-cellular fungi or plants, or extracts thereof (containing compounds of determined constitution A01N 27/00 - A01N 59/00)</p> <p><u>NOTE</u> <i>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules is found in the Definitions of A01N.}</i></p>

- M A01N 2300/00** Combinations or mixtures of active ingredients covered by classes [A01N 27/00](#) - [A01N 65/48](#) with other active or formulation relevant ingredients, e.g. specific carrier materials or surfactants, covered by classes [A01N 25/00](#) - [A01N 65/48](#)

NOTE

A01N 2300/00 is only used as a subsequent symbol in C-Sets and should not be allocated as a single symbol. Detailed information about C-Sets construction and the associated syntax rules is present in the Definitions of [A01N 27/00](#).

Project: MP0506 (G06F)

- U G06F 3/00** Input arrangements for transferring data to be processed into a form capable of being handled by the computer; Output arrangements for transferring data from processing unit to output unit, e.g. interface arrangements
- M G06F 3/002** • {Specific input/output arrangements not covered by [G06F 3/02](#)~~G06F 3/01~~ - [G06F 3/16](#), e.g. ~~facsimile, microfilm (facsimile per se H04N 1/00; viewers photographic printing G03B; electrography, magnetography G03G; other optical apparatus G02B 27/00)}~~}
- M G06F 3/007** • {Digital input from or digital output to memories of the shift register type, e.g. ~~magnetic bubble memories, CCD memories (magnetic bubble memories per se G11C 19/08, CCD memories per se G11C 19/28)}~~}
- U G06F 3/01** • Input arrangements or combined input and output arrangements for interaction between user and computer ([G06F 3/16](#) takes precedence)
- M G06F 3/011** • • {Arrangements for interaction with the human body, e.g. for user immersion in virtual reality (~~for handicapped people in general A61F 4/00; robot control B25J; tactile signalling G08B; blind teaching G09B 21/00; for electrophonic musical instruments G10H 1/344; electronic switches characterised by the way in which the control signals are generated H03K 17/94)}~~}
- U G06F 3/02** • • Input arrangements using manually operated switches, e.g. using keyboards or dials
- U G06F 3/023** • • • Arrangements for converting discrete items of information into a coded form, e.g. arrangements for interpreting keyboard generated codes as alphanumeric codes, operand codes or instruction codes
- M G06F 3/027** • • • for insertion of *the* decimal point ~~{{display of decimal point G06F 3/1407; complete desk-top or hand-held calculators G06F 15/02}}~~
- U G06F 3/03** • • Arrangements for converting the position or the displacement of a member into a coded form
- NOTE**
In this group, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.
- M G06F 3/0304** • • • {Detection arrangements using opto-electronic means (constructional details of pointing devices not related to the detection arrangement using opto-electronic means [G06F 3/033](#) ~~and subgroups~~; optical digitisers [G06F 3/042](#))}
- M G06F 3/0312** • • • {for tracking the rotation of a spherical or circular member, e.g. optical rotary encoders used in mice or trackballs using a tracking ball or in mouse scroll wheels (tracking relative movement in co-operation with a regularly or irregularly patterned surface, e.g. as in optical mice [G06F 3/0317](#); constructional details of scroll or thumb-wheels [G06F 3/0362](#); optical rotary encoders [G01D 5/3473](#); ~~thumb-wheel switches H01H 19/001~~)}

- M G06F 3/033
 - • • Pointing devices displaced or positioned by the user {, e.g. mice, trackballs, pens or joysticks}; Accessories therefor (digitisers characterised by the transducing means [G06F 3/041](#))
- U G06F 3/041
 - • • Digitisers, e.g. for touch screens or touch pads, characterised by the transducing means
- M G06F 3/045
 - • • • using resistive elements, e.g. **a** single continuous surface or two parallel surfaces put in contact
- M G06F 3/06
 - Digital input from, or digital output to, record carriers {, e.g. RAID, emulated record carriers; **or** networked record carriers}

WARNING

Groups [G06F 3/06](#), [G06F 3/0601](#), [G06F 3/0602](#), [G06F 3/0604](#), [G06F 3/0605](#), [G06F 3/0607](#), [G06F 3/0608](#), [G06F 3/061](#), [G06F 3/0611](#), [G06F 3/0613](#), [G06F 3/0614](#), [G06F 3/0616](#), [G06F 3/0617](#), [G06F 3/0619](#), [G06F 3/062](#), [G06F 3/0622](#), [G06F 3/0623](#), [G06F 3/0625](#), [G06F 3/0626](#), [G06F 3/0628](#), [G06F 3/0629](#), [G06F 3/0631](#), [G06F 3/0632](#), [G06F 3/0634](#), [G06F 3/0635](#), [G06F 3/0637](#), [G06F 3/0638](#), [G06F 3/064](#), [G06F 3/0641](#), [G06F 3/0643](#), [G06F 3/0644](#), [G06F 3/0646](#), [G06F 3/0647](#), [G06F 3/0649](#), [G06F 3/065](#), [G06F 3/0652](#), [G06F 3/0653](#), [G06F 3/0655](#), [G06F 3/0656](#), [G06F 3/0658](#), [G06F 3/0659](#), [G06F 3/0661](#), [G06F 3/0662](#), [G06F 3/0664](#), [G06F 3/0665](#), [G06F 3/0667](#), [G06F 3/0668](#), [G06F 3/067](#), [G06F 3/0671](#), [G06F 3/0673](#), [G06F 3/0674](#), [G06F 3/0676](#), [G06F 3/0677](#), [G06F 3/0679](#), [G06F 3/068](#), [G06F 3/0682](#), [G06F 3/0683](#), [G06F 3/0685](#), [G06F 3/0686](#), [G06F 3/0688](#), [G06F 3/0689](#) and [G06F 3/08](#) are incomplete pending reclassification of documents from group [G06F 2003/0697](#).

All groups listed in this Warning should be considered in order to perform a complete search.

Project: MP0528 (B25J)

- U B25J 9/00 **Programme-controlled manipulators**
- U B25J 9/02
 - characterised by movement of the arms, e.g. cartesian coordinate type ([B25J 9/06](#) takes precedence)
- U B25J 9/04
 - • by rotating at least one arm, excluding the head movement itself, e.g. cylindrical coordinate type or polar coordinate type
- U B25J 9/041
 - • • {Cylindrical coordinate type}
- U B25J 9/042
 - • • • {comprising an articulated arm}
- M B25J 9/043
 - • • • • {double ~~SCARAR~~ **arms** *selective compliance articulated robot arms* [**SCARA**]}

Project: MP0528 (F42B)

- U F42B 5/00 **Cartridge ammunition, e.g. separately-loaded propellant charges (shotgun ammunition [F42B 7/00](#); practice or training ammunition [F42B 8/00](#); missiles therefor [F42B 12/00](#), [F42B 14/00](#), [F42B 15/00](#))**
- U F42B 5/02
 - Cartridges, i.e. cases with charge and missile
- U F42B 5/145
 - • for dispensing gases, vapours, powders, particles or chemically-reactive substances (from projectiles [F42B 12/46](#))
- M F42B 5/15
 - • • for creating a screening or decoy effect, e.g. using radar chaff or infra-red **flares** *material* ~~F42B-4/26~~ (*infra-red flares* [F42B 4/26](#))

Project: MP0528 (G01N)

- U G01N 15/00 **Investigating characteristics of particles; Investigating permeability, pore-volume, or surface-area of porous materials (identification of microorganisms [C12Q](#))**

- U G01N 15/10 · Investigating individual particles
- M G01N 15/1031 · {by measuring electrical or magnetic effects thereof, e.g. ~~onconductivity~~conductivity or capacity (using ~~nanoscale size effects, other than for sizing or counting, by translocation through nanopores G01N 33/48721~~; involving the use of Coulter counters [G01N 15/12](#); using *nanoscale size effects, other than for sizing or counting, by translocation through nanopores [G01N 33/48721](#)*)}

Project: MP0528 (G01R)

- U G01R 33/00 Arrangements or instruments for measuring magnetic variables**
- U G01R 33/20 · involving magnetic resonance (medical aspects [A61B 5/055](#); magnetic resonance gyrometers [G01C 19/60](#))
- U G01R 33/28 · · Details of apparatus provided for in groups [G01R 33/44](#) - [G01R 33/64](#)
- U G01R 33/32 · · · Excitation or detection systems, e.g. using radio frequency signals
- U G01R 33/34 · · · · Constructional details, e.g. resonators {, specially adapted to MR}
- U G01R 33/341 · · · · · comprising surface coils
- M G01R 33/3415 · · · · · comprising arrays of sub-coils {, i.e. phased-array coils with ~~fileiple~~flexible receiver channels}

Project: MP0528 (H01L)

- U H01L 21/00 Processes or apparatus adapted for the manufacture or treatment of semiconductor or solid state devices or of parts thereof**
 - U H01L 21/02 · Manufacture or treatment of semiconductor devices or of parts thereof
 - U H01L 21/04 · · the devices having at least one potential-jump barrier or surface barrier, e.g. PN junction, depletion layer or carrier concentration layer {(multistep manufacturing processes for semiconductor bodies of said devices [H01L 29/02](#); multistep manufacturing processes for electrodes of said devices [H01L 29/401](#); multistep manufacturing processes for said devices [H01L 29/66007](#))}
 - U H01L 21/18 · · · the devices having semiconductor bodies comprising elements of Group IV of the Periodic System or $A_{III}B_V$ compounds with or without impurities, e.g. doping materials {([H01L 21/041](#) - [H01L 21/0425](#), [H01L 21/045](#) - [H01L 21/048](#) take precedence)}
- NOTE**
This group covers also processes and apparatus which, by using the appropriate technology, are clearly suitable for manufacture or treatment of devices whose bodies comprise elements of Group IV of the Periodic System or $A_{III}B_V$ compounds, even if the material used is not explicitly specified.
- U H01L 21/28 · · · · Manufacture of electrodes on semiconductor bodies using processes or apparatus not provided for in groups [H01L 21/20](#) - [H01L 21/268](#) {(etching for patterning the electrodes [H01L 21/311](#), [H01L 21/3213](#); multistep manufacturing processes for data storage electrodes [H01L 29/4011](#))}
 - U H01L 21/28008 · · · · · {Making conductor-insulator-semiconductor electrodes}
 - U H01L 21/28017 · · · · · {the insulator being formed after the semiconductor body, the semiconductor being silicon}

NOTE

This group covers deposition of the insulators, including epitaxial insulators, and the conductors within the same process or chamber

- U H01L 21/28026 {characterised by the conductor ([H01L 21/28176](#) takes precedence)}
- NOTE
When the final conductor comprises a superconductor, subject matter is not classified according to the subgroups [H01L 21/28035](#) - [H01L 21/28097](#). Instead, it is classified in [H01L 21/28026](#)
- U H01L 21/28035 {the final conductor layer next to the insulator being silicon, e.g. polysilicon, with or without impurities ([H01L 21/28105](#) takes precedence)}
- NOTE
A very thin, e.g. silicon, adhesion or seed layer is not considered as the one next to the insulator
- U H01L 21/28044 {the conductor comprising at least another non-silicon conductive layer}
- M H01L 21/28061 {the conductor comprising a metal or **metallic-silicide** **metal silicide** formed by deposition, e.g. sputter deposition, i.e. without a silicidation reaction ([H01L 21/28052](#) takes precedence)}
- NOTE
To assess the coverage of groups [H01L 21/28052](#) and [H01L 21/28061](#), barrier layers, e.g. TaSiN, are not considered
- U H01L 21/50 . . . Assembly of semiconductor devices using processes or apparatus not provided for in a single one of the subgroups [H01L 21/06](#) - [H01L 21/326](#), {e.g. sealing of a cap to a base of a container}
- NOTE
Arrangements for connecting or disconnecting semiconductor or other solid state bodies, or methods related thereto, other than those arrangements or methods covered by the following subgroups, are covered by [H01L 24/00](#)
- U H01L 21/60 Attaching {or detaching} leads or other conductive members, to be used for carrying current to or from the device in operation
- M H01L 2021/60285 {involving the use of mechanical auxiliary parts without the use of an alloying **efor** soldering process, e.g. pressure contacts}
- U H01L 21/67 . Apparatus specially adapted for handling semiconductor or electric solid state devices during manufacture or treatment thereof; Apparatus specially adapted for handling wafers during manufacture or treatment of semiconductor or electric solid state devices or components {; Apparatus not specifically provided for elsewhere (processes *per se* [H01L 21/30](#), [H01L 21/46](#), [H01L 23/00](#); simple temporary support means, e.g. using adhesives, electric or magnetic means [H01L 21/68](#), [H01L 21/302](#); apparatus for manufacturing arrangements for connecting or disconnecting semiconductor or solid-state bodies and for methods related thereto [H01L 24/74](#);)}
- NOTE
In this subgroup the term substrate designates a semiconductor or electric solid state device or component, or a wafer
- U H01L 21/677 . . for conveying, e.g. between different workstations
- U H01L 21/67763 . . . {the wafers being stored in a carrier, involving loading and unloading ([H01L 21/6779](#) takes precedence)}
- M H01L 21/67778 {involving loading and unloading of **wafers** **wafers**}

- U H01L 29/00** Semiconductor devices adapted for rectifying, amplifying, oscillating or switching, or capacitors or resistors with at least one potential-jump barrier or surface barrier, e.g. PN junction depletion layer or carrier concentration layer; Details of semiconductor bodies or of electrodes thereof; {Multistep manufacturing processes therefor}{[H01L 31/00](#) - [H01L 47/00](#), [H01L 51/05](#) take precedence; processes or apparatus adapted for the manufacture or treatment thereof or of parts thereof [H01L 21/00](#); details other than of semiconductor bodies or of electrodes thereof [H01L 23/00](#); devices consisting of a plurality of solid state components formed in or on a common substrate [H01L 27/00](#); {passive two-terminal components without a potential-jump or surface barrier for integrated circuits, details thereof and multistep manufacturing processes therefor [H01L 28/00](#); } resistors in general [H01C](#); capacitors in general [H01G](#), {e.g. ceramic barrier-layer capacitors [H01G 4/1272](#)}
- NOTE
In this main group, classification is made both in groups [H01L 29/02](#) - [H01L 29/51](#) and in groups [H01L 29/66](#) - [H01L 29/94](#) if both of these sets of groups are relevant.
- U H01L 29/66 · Types of semiconductor device {; Multistep manufacturing processes therefor}
- U H01L 29/68 · · controllable by only the electric current supplied, or only the electric potential applied, to an electrode which does not carry the current to be rectified, amplified or switched
- U H01L 29/76 · · · Unipolar devices {, e.g. field effect transistors}
- U H01L 29/772 · · · · Field effect transistors
- U H01L 29/78 · · · · · with field effect produced by an insulated gate {([H01L 29/7725](#), [H01L 29/775](#), [H01L 29/778](#) take precedence)}
- M H01L 29/7838 · · · · · {without inversion channel, e.g. buried channel ~~latral~~*lateral* MISFETs, normally-on lateral MISFETs, depletion-mode lateral MISFETs}
- U H01L 2224/00** **Indexing scheme for arrangements for connecting or disconnecting semiconductor or solid-state bodies and methods related thereto as covered by [H01L 24/00](#)**
- U H01L 2224/80 · Methods for connecting semiconductor or other solid state bodies using means for bonding being attached to, or being formed on, the surface to be connected
- U H01L 2224/80001 · · by connecting a bonding area directly to another bonding area, i.e. connectorless bonding, e.g. bumpless bonding
- U H01L 2224/80909 · · · Post-treatment of the bonding area
- U H01L 2224/8093 · · · · Reshaping
- M H01L 2224/80947 · · · · · by mechanical means, e.g. ~~pull-and-cut~~, pressing, stamping
- U H01L 2227/00** **Indexing scheme for devices consisting of a plurality of semiconductor or other solid state components formed in or on a common substrate covered by group [H01L 27/00](#)**
- U H01L 2227/32 · Devices including an organic light emitting device [OLED], e.g. OLED display
- M H01L 2227/326 · · Use of temporary substrate, e.g. for manufacturing of OLED ~~dsiplays~~*displays* having an inorganic driving circuit
- U H01L 2251/00** **Indexing scheme relating to organic semiconductor devices covered by group [H01L 51/00](#)**
- U H01L 2251/50 · Organic light emitting devices
- U H01L 2251/56 · · Processes specially adapted for the manufacture or treatment of OLED
- M H01L 2251/566 · · · Division of substrate, e.g. for manufacturing of OLED ~~dsiplays~~*displays*

Project: MP0528 (H03M)

U H03M 7/00 **Conversion of a code where information is represented by a given sequence or number of digits to a code where the same {, similar or subset of} information is represented by a different sequence or number of digits**

NOTES

1. In groups [H03M 7/001](#) - [H03M 7/50](#), the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.
2. In groups [H03M 7/02](#) – [H03M 7/50](#), in the absence of an indication to the contrary, an invention is classified in the last appropriate place.
3. {In this main group, in the absence of an indication to the contrary, additional information has been classified systematically for documents published from 01-04-2004 onwards.}

U H03M 7/30 • Compression (speech analysis-synthesis for redundancy reduction [G10L 19/00](#); for image communication [H04N](#)); Expansion; Suppression of unnecessary data, e.g. redundancy reduction

M H03M 7/3053 • • {Block-~~compounding~~~~companding~~ PCM systems}

Project: MP0528 (H04L)

U H04L 7/00 **Arrangements for synchronising receiver with transmitter {(synchronisation of generators of electric oscillations or pulses [H03L 7/00](#))}**

U H04L 7/02 • Speed or phase control by the received code signals, the signals containing no special synchronisation information {([H04L 7/0075](#) takes precedence)}

U H04L 7/033 • • using the transitions of the received signal to control the phase of the synchronising-signal-generating means, e.g. using a phase-locked loop

M H04L 7/0331 • • • {with a digital phase-locked loop [PLL] processing ~~binay~~~~binary~~ samples, e.g. add/subtract logic for correction of receiver clock ([H04L 7/0337](#) takes precedence)}

Project: RP0125-F (B65H)

M B65H 16/00 **Unwinding, paying-out webs {(reel-to-reel type web winding and unwinding mechanisms [B65H 18/103](#), [B65H 18/145](#))}**

WARNING

Groups [B65H 16/00](#), [B65H 16/005](#), [B65H 16/02](#), [B65H 16/028](#), [B65H 16/04](#), [B65H 16/06](#), [B65H 16/08](#), [B65H 16/10](#), [B65H 16/103](#), and [B65H 16/106](#) are incomplete pending reclassification of documents from groups [B65H 16/025](#) and [B65H 16/026](#).

All groups listed in this Warning should be considered in order to perform a complete search.

U B65H 16/02 • Supporting web roll

M B65H 16/021 • • {Multiple web roll supports}

WARNING

Group [B65H 16/021](#) is incomplete pending reclassification of documents from groups [B65H 16/025](#) and [B65H 16/026](#).

Group [B65H 16/021](#) is also impacted by reclassification into group [B65H 16/024](#).

All groups listed in this Warning should be considered in order to perform a complete search.

M	B65H 16/023	<ul style="list-style-type: none"> • • • {rotatable} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 16/023 is impacted by reclassification into group B65H 16/024. Groups B65H 16/023 and B65H 16/024 should be considered in order to perform a complete search.</p>
M	B65H 16/024	<ul style="list-style-type: none"> • • • • {Turrets} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 16/024 is incomplete pending reclassification of documents from groups B65H 16/021 and B65H 16/023. Groups B65H 16/021, B65H 16/023, and B65H 16/024 should be considered in order to perform a complete search.</p>
D	B65H 16/025 —(Frozen)	<ul style="list-style-type: none"> • • {Unwinding apparatus incorporating length-measuring devices} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 16/025 is no longer used for the classification of documents as of August 1, 2020. The content of this group is being reclassified into groups B65H 16/00, B65H 16/005, B65H 16/02, B65H 16/021, B65H 16/028, B65H 16/04, B65H 16/06, B65H 16/08, B65H 16/10, B65H 16/103, B65H 16/106, B65H 2511/11, and B65H 2220/03. All groups listed in this Warning should be considered in order to perform a complete search.</p>
D	B65H 16/026 —(Frozen)	<ul style="list-style-type: none"> • • {Unwinding apparatus incorporating inspecting devices} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 16/026 is no longer used for the classification of documents as of August 1, 2020. The content of this group is being reclassified into groups B65H 16/00, B65H 16/005, B65H 16/02, B65H 16/021, B65H 16/028, B65H 16/04, B65H 16/06, B65H 16/08, B65H 16/10, B65H 16/103, and B65H 16/106. All groups listed in this Warning should be considered in order to perform a complete search.</p>
U	B65H 18/00	Winding webs
U	B65H 18/02	<ul style="list-style-type: none"> • Supporting web roll
M	B65H 18/021	<ul style="list-style-type: none"> • • {Multiple web roll supports} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 18/021 is impacted by reclassification into group B65H 18/0212. Groups B65H 18/021 and B65H 18/0212 should be considered in order to perform a complete search.</p>
M	B65H 18/0212	<ul style="list-style-type: none"> • • • {Turrets} <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65H 18/0212 is incomplete pending reclassification of documents from group B65H 18/021. Groups B65H 18/021 and B65H 18/0212 should be considered in order to perform a complete search.</p>
U	B65H 2220/00	Function indicators

- M B65H 2220/03
- indicating an entity which is measured, estimated, evaluated, calculated or determined but which does not constitute an entity which is adjusted or changed by the control process per se

WARNING

~~Group B65H 2220/03 is incomplete pending reclassification of documents from group B65H 16/025.~~

~~Groups B65H 16/025 and B65H 2220/03 should be considered in order to perform a complete search.~~

U B65H 2511/00 Dimension; Position; Number; Identification; Occurrence

- U B65H 2511/10
- Size; Dimension
- M B65H 2511/11
- • Length

WARNING

~~Group B65H 2511/11 is incomplete pending reclassification of documents from group B65H 16/025.~~

~~Groups B65H 16/025 and B65H 2511/11 should be considered in order to perform a complete search.~~

Project: RP0217-F (C04B)

- M C04B
- LIME, MAGNESIA; SLAG; CEMENTS; COMPOSITIONS THEREOF, e.g. MORTARS, CONCRETE OR LIKE BUILDING MATERIALS; ARTIFICIAL STONE {(roofing granules [E04D 7/005](#)); CERAMICS (devitrified glass-ceramics [C03C 10/00](#)); REFRACTORIES; TREATMENT OF NATURAL STONE**

NOTES

1. In this subclass, the following terms or expressions are used with the meanings indicated:

- "fillers" includes pigments, aggregates and fibrous reinforcing materials;
- "active ingredients" includes processing aids or property improvers, e.g. grinding aids used after the burning process or used in the absence of a burning process;
- "mortars", "concrete" and "artificial stone" are to be considered as a single group of materials, and therefore, in the absence of an indication to the contrary, they include mortar, concrete and other cementitious compositions.

2. In groups [C04B 7/00](#) - [C04B 32/00](#), in the absence of an indication to the contrary, classification is made in the last appropriate place.

3. A composition classified in groups [C04B 26/00](#) or [C04B 28/00](#) is also classified in groups [C04B 14/00](#) - [C04B 24/00](#) if a filler or active ingredient is of interest.

4. In groups [C04B 2/00](#) - [C04B 32/00](#) and [C04B 38/00](#) - [C04B 41/00](#) it is desirable to classify the individual constituents of the mixtures, or other aspects relating to the mixtures or constituents, using Combination Sets with symbols chosen from groups [C04B 2/00](#) - [C04B 41/00](#).

5. In groups [C04B 2/00](#) - [C04B 32/00](#) and [C04B 38/00](#) - [C04B 41/00](#) it is desirable to classify the function of the individual constituents of the mixtures, or other aspects relating to the properties or uses of the mixtures or

products obtained, using Combination Sets with symbols chosen from groups [C04B 2103/00](#) - [C04B 2111/00](#).

6. Groups [C04B 20/123](#) and [C04B 20/126](#) are used for indexing purposes only of documents classified in [C04B 20/12](#)

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

C04B 5/02	covered by	B01J 2/00 , C21B 3/06
C04B 28/20 , C04B 28/22	covered by	C04B 28/18 , C04B 28/182 , C04B 28/184 , C04B 28/186 , C04B 28/188
C04B 35/035	covered by	C04B 35/26 , C04B 35/2608 , C04B 35/2616 , C04B 35/2625 , C04B 35/2633 , C04B 35/2641 , C04B 35/265 , C04B 35/2658 , C04B 35/2666 , C04B 35/2675 , C04B 35/2683 , C04B 35/2691
C04B 35/28	covered by	C04B 35/26
C04B 35/30	covered by	C04B 35/26
C04B 35/32	covered by	C04B 35/26
C04B 35/34	covered by	C04B 35/26
C04B 35/36	covered by	C04B 35/26
C04B 35/38	covered by	C04B 35/26
C04B 35/40	covered by	C04B 35/2608 , C04B 35/2641 , C04B 35/2675
C04B 35/567 , C04B 35/569 , C04B 35/576 , C04B 35/577	covered by	C04B 35/565 , C04B 35/571 , C04B 35/5755 ; C04B 35/806
C04B 35/582	covered by	C04B 35/581 , C04B 35/806
C04B 35/5833 , C04B 35/5835	covered by	C04B 35/583 , C04B 35/806
C04B 35/586 , C04B 35/594 , C04B 35/596	covered by	C04B 35/584 , C04B 35/589 , C04B 35/591 , C04B 35/593 , C04B 35/5935 , C04B 35/806
C04B 35/599	covered by	C04B 35/597
C04B 35/81	covered by	C04B 35/78
C04B 35/84	covered by	C04B 35/628 , C04B 35/78

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

U C04B 35/00

Shaped ceramic products characterised by their composition {(porous ceramic products [C04B 38/00](#); ceramic articles characterised by particular shape, see the relevant classes, e.g. linings for casting ladles, tundishes, cups or the like [B22D 41/02](#); ceramic substrates for microelectronic semi-conductors [H01L 23/15](#))}; Ceramics compositions (containing free metal bonded to carbides, diamond, oxides, borides, nitrides, silicides, e.g. cermets, or other metal compounds, e.g. oxynitrides or sulfides other than as macroscopic reinforcing agents [C22C](#); {shaping of ceramics [B28B](#))}; Processing powders of inorganic compounds preparatory to the manufacturing of ceramic products {(chemical preparation of powders of inorganic compounds [C01](#); infiltration of sintered ceramic preforms with molten metal [C04B 41/51](#))}

NOTES

1. In this group, in the absence of an indication to the contrary, compositions are classified according to the constituent present in the highest proportion by weight.
2. In this group, magnesium is considered as an alkaline earth metal.
3. In this group, a composite is considered as a sintered material containing more than one phase, where the secondary phases are not resulting from sintering aids
4. In this group, fine ceramics are considered as products having a polycrystalline, fine-grained microstructure, e.g. of dimensions below 100 micrometers.
5. The production of ceramic powder is classified in this group in so far as it relates to the preparation of powder with specific characteristics.
6. In groups [C04B 35/00](#) - [C04B 35/83](#), from 01-01-2005 onwards, the indexing codes of groups [C04B 2235/00](#) - [C04B 2235/9692](#) are used to identify aspects relating to ceramic starting mixtures and sintered ceramic products

M C04B 35/01

- based on oxide ceramics

WARNING

~~Groups C04B 35/01 – C04B 35/499 are incomplete pending reclassification of documents from groups C04B 35/80, C04B 35/803, and C04B 35/806. All groups listed in this Warning should be considered in order to perform a complete search.~~

M C04B 35/50

- based on rare-earth compounds {(non-oxide rare earth compounds [C04B 35/5156](#))}

WARNING

~~Groups C04B 35/50 and C04B 35/505 are incomplete pending reclassification of documents from groups C04B 35/80, C04B 35/803, and C04B 35/806. All groups listed in this Warning should be considered in order to perform a complete search.~~

M C04B 35/51

- based on compounds of actinides {(non-oxide actinide compounds [C04B 35/5158](#));} nuclear fuel materials [G21C 3/62](#))}

WARNING

~~Group C04B 35/51 is incomplete pending reclassification of documents from groups C04B 35/80, C04B 35/803, and C04B 35/806. All groups listed in this Warning should be considered in order to perform a complete search.~~

M C04B 35/515

- based on non-oxide ceramics

WARNING

~~Groups C04B 35/515 – C04B 35/597 are incomplete pending reclassification of documents from groups C04B 35/80, C04B 35/803, and C04B 35/806.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- U C04B 35/71
- Ceramic products containing macroscopic reinforcing agents ([C04B 35/66](#) takes precedence {; infiltration of a porous ceramic matrix with a material forming a non-ceramic phase [C04B 41/00](#), reaction infiltration with Si in order to form SiC [C04B 35/573](#), in order to form Si₃N₄ [C04B 35/591](#)})

NOTE

In groups [C04B 35/71](#) - [C04B 35/83](#) the composition of the ceramic products is also classified in groups [C04B 35/01](#) - [C04B 35/597](#)

- U C04B 35/78
- • containing non-metallic materials
- M C04B 35/80
- • • Fibres, filaments, whiskers, platelets, or the like

WARNING

Group C04B 35/80 is incomplete pending reclassification of documents from groups C04B 35/803 and C04B 35/806.

Group C04B 35/80 is also impacted by reclassification into groups C04B 35/01 - C04B 35/597.

All groups listed in this Warning should be considered in order to perform a complete search.

- D C04B 35/803
—(Frozen)
- • • {The matrix of the ceramic products consisting of oxides only}

WARNING

Group C04B 35/803 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups C04B 35/80, C04B 35/01 - C04B 35/597.

All groups listed in this Warning should be considered in order to perform a complete search.

- D C04B 35/806
—(Frozen)
- • • {The matrix of the ceramic products consisting of non-oxides only}

WARNING

Group C04B 35/806 is no longer used for classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups C04B 35/80, C04B 35/01 - C04B 35/597.

All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0231-F (B01J)

- M B01J 21/00
- Catalysts comprising the elements, oxides, or hydroxides of magnesium, boron, aluminium, carbon, silicon, titanium, zirconium, or hafnium

WARNING

Groups B01J 21/00 - B01J 21/20 are incomplete pending reclassification of documents from group B01J 32/00.

All groups listed in this warning should be considered in order to perform a complete search.

- M B01J 23/00
- Catalysts comprising metals or metal oxides or hydroxides, not provided for in group [B01J 21/00](#) ([B01J 21/16](#) takes precedence)

WARNING

Groups B01J 23/00 - B01J 23/96 are incomplete pending reclassification of documents from group B01J 32/00.

All groups listed in this warning should be considered in order to perform a complete search.

M B01J 25/00

Catalysts of the Raney type

WARNING

Groups B01J 25/00 – B01J 25/04 are incomplete pending reclassification of documents from group B01J 32/00.

All groups listed in this warning should be considered in order to perform a complete search.

M B01J 27/00

Catalysts comprising the elements or compounds of halogens, sulfur, selenium, tellurium, phosphorus or nitrogen; Catalysts comprising carbon compounds

NOTE

Metal catalysts or metal oxide catalysts activated or conditioned by halogens, sulfur or phosphorus, or compounds thereof are classified in the appropriate groups for metal or metal oxide catalysts

WARNING

Groups B01J 27/00 – B01J 27/32 are incomplete pending reclassification of documents from group B01J 32/00.

All groups listed in this warning should be considered in order to perform a complete search.

M B01J 29/00

Catalysts comprising molecular sieves {(molecular sieves per se [C01B](#))}

NOTES

- In this group, the following term is used with the meaning indicated:
 - "zeolites" means:
 - crystalline aluminosilicates with base-exchange and molecular sieve properties, having three dimensional, microporous lattice framework structure of tetrahedral oxide units;
 - compounds isomorphous to those of the former category, wherein the aluminium or silicon atoms in the framework are partly or wholly replaced by atoms of other elements, e.g. by gallium, germanium, phosphorus or boron.
- If metals are introduced into the framework of the molecular sieve already in the synthesis stage, [B01J 29/86](#) - [B01J 29/89](#) take precedence.
- Mixtures of molecular sieves are classified in [B01J 29/005](#) or [B01J 29/80](#) and receive indexing codes chosen from groups [B01J 29/03](#) - [B01J 29/89](#) to identify the individual constituents of these mixtures

WARNING

Groups B01J 29/00 – B01J 29/90 are incomplete pending reclassification of documents from group B01J 32/00.

All groups listed in this Warning should be considered in order to perform a complete search.

D B01J 32/00
—(Frozen)

Catalyst carriers in general

WARNING

Group B01J 32/00 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B01J 21/00 – B01J 29/90 and B01J 33/00 – B01J 38/74.

Groups B01J 32/00, B01J 21/00 – B01J 29/90, and B01J 33/00 – B01J 38/74 should be considered in order to perform a complete search.

- M B01J 33/00** **Protection of catalysts, e.g. by coating**
- WARNING
 Group B01J 33/00 is incomplete pending reclassification of documents from group B01J 32/00.
 Groups B01J 32/00 and B01J 33/00 should be considered in order to perform a complete search.
- M B01J 35/00** **Catalysts, in general, characterised by their form or physical properties**
- WARNING
 Groups B01J 35/00 - B01J 35/12 are incomplete pending reclassification of documents from group B01J 32/00.
 All groups listed in this warning should be considered in order to perform a complete search.
- M B01J 37/00** **Processes, in general, for preparing catalysts; Processes, in general, for activation of catalysts**
- WARNING
 Groups B01J 37/00 - B01J 37/36 are incomplete pending reclassification of documents from group B01J 32/00.
 All groups listed in this warning should be considered in order to perform a complete search.
- M B01J 38/00** **Regeneration or reactivation of catalysts, in general**
- WARNING
 Groups B01J 38/00 - B01J 38/74 are incomplete pending reclassification of documents from group B01J 32/00.
 All groups listed in this warning should be considered in order to perform a complete search.

Project: RP0238-F (B64D)

- U B64D 45/00** **Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00)**
- M B64D 45/0015** • {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems}
- WARNING
 Group B64D 45/0015 is impacted by reclassification into groups B64D 45/0018, B64D 45/0021, B64D 45/0026, B64D 45/0028 and B64D 45/0029.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M B64D 45/0018** • • {means on aircraft for restricting unauthorized access to the aircraft}
- WARNING
 Group B64D 45/0018 is incomplete pending reclassification of documents from group B64D 45/0015.
 Groups B64D 45/0015 and B64D 45/0018 should be considered in order to perform a complete search.
- M B64D 45/0021** • • {means for restricting access to flight deck}
- WARNING
 Group B64D 45/0021 is incomplete pending reclassification of documents from group B64D 45/0015.

Groups B64D-45/0015 and B64D-45/0021 should be considered in order to perform a complete search.

- M B64D 45/0026
 - • {by creating a secure space between the flight deck and cabin}

WARNING

Group B64D-45/0026 is incomplete pending reclassification of documents from group B64D-45/0015.
Groups B64D-45/0015 and B64D-45/0026 should be considered in order to perform a complete search.

- M B64D 45/0028
 - • {doors or door arrangements specially adapted to restrict unauthorized access}

WARNING

Group B64D-45/0028 is incomplete pending reclassification of documents from group B64D-45/0015.
Groups B64D-45/0015 and B64D-45/0028 should be considered in order to perform a complete search.

- M B64D 45/0029
 - • • {electrically actuated}

WARNING

Group B64D-45/0029 is incomplete pending reclassification of documents from group B64D-45/0015.
Groups B64D-45/0015 and B64D-45/0029 should be considered in order to perform a complete search.

- M B64D 45/0031
 - • {means for overriding or restricting access to flight controls}

WARNING

Group B64D-45/0031 is impacted by reclassification into group B64D-45/0034.
Groups B64D-45/0031 and B64D-45/0034 should be considered in order to perform a complete search.

- M B64D 45/0034
 - • {by ground-control override}

WARNING

Group B64D-45/0034 is incomplete pending reclassification of documents from group B64D-45/0031.
Groups B64D-45/0031 and B64D-45/0034 should be considered in order to perform a complete search.

- M B64D 45/0036
 - • {by disabling or restraining attackers}

WARNING

Group B64D-45/0036 is impacted by reclassification into groups B64D-45/0039, B64D-45/0044, and B64D-45/0048.
All groups listed in this Warning should be considered in order to perform a complete search.

- M B64D 45/0039
 - • {by electrical shock}

WARNING

Group B64D-45/0039 is incomplete pending reclassification of documents from group B64D-45/0036.
Groups B64D-45/0036 and B64D-45/0039 should be considered in order to perform a complete search.

- M B64D 45/0044
- • {by restraining within seats}
- WARNING**
Group B64D 45/0044 is incomplete pending reclassification of documents from group B64D 45/0036. Groups B64D 45/0036 and B64D 45/0044 should be considered in order to perform a complete search.
- M B64D 45/0048
- • {by harnesses, nets, ropes, or the like (B64D 45/0044 takes precedence)}
- WARNING**
Group B64D 45/0048 is incomplete pending reclassification of documents from group B64D 45/0036. Groups B64D 45/0036 and B64D 45/0048 should be considered in order to perform a complete search.

Project: RP0258 (A01K)

- M A01K 1/00 -
A01K 29/00
- Animal husbandry in general, especially cattle-raising (~~devices in connection with harnesses B68B~~)**
- M A01K 47/00 -
A01K 59/00
- Apiculture (~~rearing insects in general A01K 67/00~~)**
- M A01K 69/00 -
A01K 81/00
- Fishing (~~fish stringers A01K 65/00~~)**
- U A01K 73/00
- C A01K 73/02
- Drawn nets**
- Trawling nets
- WARNING**
Group A01K 73/02 is impacted by reclassification into groups A01K 73/063 and A01K 73/067. Groups A01K 73/02, A01K 73/063, and A01K 73/067 should be considered in order to perform a complete search.
- C A01K 73/025
- {Regulation of net depth}
- WARNING**
Group A01K 73/025 is impacted by reclassification into groups A01K 73/063 and A01K 73/067. Groups A01K 73/025, A01K 73/063, and A01K 73/067 should be considered in order to perform a complete search.
- C A01K 73/04
- Devices for spreading or positioning, e.g. control thereof
- WARNING**
Group A01K 73/04 is impacted by reclassification into groups A01K 73/063 and A01K 73/067. Groups A01K 73/04, A01K 73/063, and A01K 73/067 should be considered in order to perform a complete search.
- C A01K 73/045
- • for lateral sheering, e.g. trawl boards
- WARNING**
Group A01K 73/045 is impacted by reclassification into groups A01K 73/063 and A01K 73/067. Groups A01K 73/045, A01K 73/063, and A01K 73/067 should be considered in order to perform a complete search.

- C A01K 73/05
- • • for vertical sheering
- WARNING**
Group [A01K 73/05](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
Groups [A01K 73/05](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- C A01K 73/053
- • • Ground-line rollers
- WARNING**
Group [A01K 73/053](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
Groups [A01K 73/053](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- C A01K 73/06
- • Hauling devices for the headlines ~~{, also for nets; Winches (A01K 73/12 takes precedence)}~~
- WARNING**
Group [A01K 73/06](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
Groups [A01K 73/06](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- N A01K 73/063
- • {having excluder device}
- WARNING**
Group [A01K 73/063](#) is incomplete pending reclassification of documents from groups [A01K 73/02](#), [A01K 73/025](#), [A01K 73/04](#), [A01K 73/045](#), [A01K 73/05](#), [A01K 73/053](#), [A01K 73/06](#), and [A01K 73/10](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 73/067
- • {using electrical shock to control fish or aquatic animal}
- WARNING**
Group [A01K 73/067](#) is incomplete pending reclassification of documents from groups [A01K 73/02](#), [A01K 73/025](#), [A01K 73/04](#), [A01K 73/045](#), [A01K 73/05](#), [A01K 73/053](#), [A01K 73/06](#), [A01K 73/10](#), and [A01K 79/02](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 73/10
- • Determining the quantity of the catch, e.g. by the pull or drag on the lines
- WARNING**
Group [A01K 73/10](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
Groups [A01K 73/10](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- C A01K 75/00
- Accessories for **fishing** nets; Details of **fishing** nets, e.g. structure
- WARNING**
Group [A01K 75/00](#) is impacted by reclassification into group [A01K 75/005](#).
Groups [A01K 75/00](#) and [A01K 75/005](#) should be considered in order to perform a complete search.

- N A01K 75/005
- {Net structures, e.g. structural arrangements of net panels}
- WARNING
Group [A01K 75/005](#) is incomplete pending reclassification of documents from group [A01K 75/00](#).
Groups [A01K 75/00](#) and [A01K 75/005](#) should be considered in order to perform a complete search.
- C A01K 77/00
- Landing-nets *for fishing*; Landing-spoons *for fishing***
- WARNING
Group [A01K 77/00](#) is impacted by reclassification into group [A01K 77/005](#).
Groups [A01K 77/00](#) and [A01K 77/005](#) should be considered in order to perform a complete search.
- N A01K 77/005
- {foldable}
- WARNING
Group [A01K 77/005](#) is incomplete pending reclassification of documents from group [A01K 77/00](#).
Groups [A01K 77/00](#) and [A01K 77/005](#) should be considered in order to perform a complete search.
- U A01K 79/00
- Methods or means of catching fish in bulk not provided for in groups [A01K 69/00](#) - [A01K 77/00](#), {e.g. fish pumps; Detection of fish; Whale fishery}**
- C A01K 79/02
- by electrocution ~~{; Attracting or stunning fish; Scaring sharks}~~
- WARNING
Group [A01K 79/02](#) is impacted by reclassification into group [A01K 73/067](#).
Groups [A01K 79/02](#) and [A01K 73/067](#) should be considered in order to perform a complete search.
- C A01K 80/00
- Harvesting oysters, mussels, sponges or the like**
- WARNING
Group [A01K 80/00](#) is impacted by reclassification into group [A01K 80/005](#).
Groups [A01K 80/00](#) and [A01K 80/005](#) should be considered in order to perform a complete search.
- N A01K 80/005
- {Sleds running on the bottom for catching ground-living or underground-living aquatic organisms}
- WARNING
Group [A01K 80/005](#) is incomplete pending reclassification of documents from group [A01K 80/00](#).
Groups [A01K 80/00](#) and [A01K 80/005](#) should be considered in order to perform a complete search.
- C A01K 83/00
- Fish-hooks ~~{(making fish-hooks B21F 45/12)}~~**
- WARNING
Group [A01K 83/00](#) is impacted by reclassification into groups [A01K 83/066](#), [A01K 83/067](#), and [A01K 83/069](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 83/02
- Expanding fish-hook assembly
- WARNING
Group [A01K 83/02](#) is impacted by reclassification into group [A01K 83/025](#).

Groups [A01K 83/02](#) and [A01K 83/025](#) should be considered in order to perform a complete search.

N A01K 83/025

- • {pull-actuated}

WARNING

Group [A01K 83/025](#) is incomplete pending reclassification of documents from group [A01K 83/02](#).

Groups [A01K 83/02](#) and [A01K 83/025](#) should be considered in order to perform a complete search.

C A01K 83/04

- with special gripping arms

WARNING

Group [A01K 83/04](#) is impacted by reclassification into group [A01K 83/045](#).

Groups [A01K 83/04](#) and [A01K 83/045](#) should be considered in order to perform a complete search.

N A01K 83/045

- • {pull-actuated}

WARNING

Group [A01K 83/045](#) is incomplete pending reclassification of documents from group [A01K 83/04](#).

Groups [A01K 83/04](#) and [A01K 83/045](#) should be considered in order to perform a complete search.

C A01K 83/06

- Devices for holding bait on hooks ~~{(baiting trotlines [A01K 91/18](#); non-living bait [A01K 97/045](#))}~~

WARNING

Group [A01K 83/06](#) is impacted by reclassification into groups [A01K 83/061](#), [A01K 83/063](#), and [A01K 83/064](#).

All groups listed in this Warning should be considered in order to perform a complete search.

N A01K 83/061

- • {bait encircling}

WARNING

Group [A01K 83/061](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/061](#) should be considered in order to perform a complete search.

N A01K 83/063

- • {with opposed gripping jaws}

WARNING

Group [A01K 83/063](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/063](#) should be considered in order to perform a complete search.

N A01K 83/064

- • {mounted on, integral with, or rigidly connected to the hook}

WARNING

Group [A01K 83/064](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/064](#) should be considered in order to perform a complete search.

- N A01K 83/066
- {Guards, e.g. weedless hooks}
- WARNING
Groups [A01K 83/066](#), [A01K 83/067](#), and [A01K 83/069](#) are incomplete pending reclassification of documents from group [A01K 83/00](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 83/067
- • {shiftable, collapsible, or line-operated}
- N A01K 83/069
- • {Hook closing}
- C A01K 85/00
- Artificial ~~baits~~, {i.e. Lures}bait for fishing**
- WARNING
Group [A01K 85/00](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 85/005
- {without hooks}
- WARNING
Group [A01K 85/005](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 85/01
- with light emission, sound emission, scent dispersal or the like
- WARNING
Group [A01K 85/01](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/015](#), [A01K 85/017](#), [A01K 85/018](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/011
- • {with ornaments creating visual effects, e.g. colors, patterns}
- WARNING
Groups [A01K 85/011](#), [A01K 85/012](#), and [A01K 85/013](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#),

[A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/012
- • {transparent; including reflectors or patterns}
- N A01K 85/013
- • {with projections for simulation and reflecting; with indentations for simulation and reflecting}
- N A01K 85/015
- • {with light emission}
- WARNING
Group [A01K 85/015](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).
Groups [A01K 85/01](#) and [A01K 85/015](#) should be considered in order to perform a complete search.
- N A01K 85/017
- • {with sound emission}
- WARNING
Group [A01K 85/017](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).
Groups [A01K 85/01](#) and [A01K 85/017](#) should be considered in order to perform a complete search.
- N A01K 85/018
- • {with scent dispersal}
- WARNING
Group [A01K 85/018](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).
Groups [A01K 85/01](#) and [A01K 85/018](#) should be considered in order to perform a complete search.
- N A01K 85/019
- • {with water passage}
- WARNING
Group [A01K 85/019](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 85/02
- with means for concealing or protecting hooks, e.g. to prevent entanglement with weeds
- WARNING
Group [A01K 85/02](#) is impacted by reclassification into groups [A01K 85/021](#), [A01K 85/022](#), [A01K 85/023](#), [A01K 85/024](#), [A01K 85/025](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/021
- • {flexible bodies housing or guarding hooks}
- WARNING
Group [A01K 85/021](#) is incomplete pending reclassification of documents from group [A01K 85/02](#).
Groups [A01K 85/02](#) and [A01K 85/021](#) should be considered in order to perform a complete search.
- N A01K 85/022
- • {with guards}
- WARNING
Groups [A01K 85/022](#), [A01K 85/023](#), [A01K 85/024](#), and [A01K 85/025](#) are incomplete pending reclassification of documents from group [A01K 85/02](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/023
- • • {Hooks housed within lure body or guarded by lure body}
- N A01K 85/024
- • • {projecting out from the lure body}
- N A01K 85/025
- • • {Hook point closing or covering}
- N A01K 85/026
- {with trap hooks}
- WARNING
Groups [A01K 85/026](#), [A01K 85/027](#), and [A01K 85/028](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/027
- • {expanding}
- N A01K 85/028
- • {pull-actuated}
- N A01K 85/029
- {Interchangeable body parts}
- WARNING
Group [A01K 85/029](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 85/08
- Artificial flies
- WARNING
Group [A01K 85/08](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.

- C A01K 85/10
- with at least one flat rotating body having its axis of rotation substantially non-coincident with the longitudinal axis of the body {, e.g. spinners}

WARNING

Group [A01K 85/10](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- C A01K 85/12
- comprising a body rotating around its longitudinal axis, e.g. devons

WARNING

Group [A01K 85/12](#) is impacted by reclassification into groups [A01K 85/122](#), [A01K 85/125](#), [A01K 85/128](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/122
- {the body being of the vane type with a cross-section forming an area rather than a line when viewed perpendicularly to the axis of rotation}

WARNING

Group [A01K 85/122](#) is incomplete pending reclassification of documents from group [A01K 85/12](#).

Groups [A01K 85/12](#) and [A01K 85/122](#) should be considered in order to perform a complete search.

- N A01K 85/125
- {the body being of the vane type with a cross-section forming a line rather than an area when viewed perpendicularly to the axis of rotation}

WARNING

Groups [A01K 85/125](#) and [A01K 85/128](#) are incomplete pending reclassification of documents from group [A01K 85/12](#).

Groups [A01K 85/12](#), [A01K 85/125](#), and [A01K 85/128](#) should be considered in order to perform a complete search.

- N A01K 85/128
- {with spiral or oppositely directed vanes}

- C A01K 85/14
- with flat, or substantially flat, undulating bodies, e.g. spoons

WARNING

Group [A01K 85/14](#) is impacted by reclassification into groups [A01K 85/143](#), [A01K 85/147](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#),

[A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#),
[A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/143
- {with spiral or oppositely directed vanes that are non rotatable with respect to the lure body}
- WARNING
Group [A01K 85/143](#) is incomplete pending reclassification of documents from group [A01K 85/14](#).
Groups [A01K 85/14](#) and [A01K 85/143](#) should be considered in order to perform a complete search.
- N A01K 85/147
- {non-marginal hook attachments; non-pivoted hook attachments}
- WARNING
Group [A01K 85/147](#) is incomplete pending reclassification of documents from group [A01K 85/14](#).
Groups [A01K 85/14](#) and [A01K 85/147](#) should be considered in order to perform a complete search.
- C A01K 85/16
- with other than flat, or substantially flat, undulating bodies, e.g. plugs
- WARNING
Group [A01K 85/16](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 85/18
- in two or more pieces
- WARNING
Group [A01K 85/18](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1803
- {with a diving vane or lip}
- WARNING
Group [A01K 85/1803](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/1807
- {with an automatically movable directing vane}
- WARNING
 Group [A01K 85/1807](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1811
- {flexible or with flexible appendages, e.g., worms}
- WARNING
 Groups [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), and [A01K 85/1827](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1813
- • {Bodies with plural side-attached flexible appendages}
- N A01K 85/1817
- • • {for simulating wings}
- N A01K 85/1821
- • {Bodies with trailing flexible appendages}
- N A01K 85/1823
- • • {detachable}
- N A01K 85/1827
- • • {Two rearwardly directed appendages, e.g. for simulating frogs}
- N A01K 85/1831
- {mounted on hooks}
- WARNING
 Groups [A01K 85/1831](#) and [A01K 85/1833](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1833
- • {Jig head lures}
- N A01K 85/1837
- {weighted}
- WARNING
 Group [A01K 85/1837](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1841
- {with adjustable direction or buoyancy control}
- WARNING
 Groups [A01K 85/1841](#) and [A01K 85/1843](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1843
- • {Selective or shiftable lure to line connections}

- N A01K 85/1847
- {Hollow bodies}
- WARNING
Group [A01K 85/1847](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1851
- {with hook and line connections extending through or along the body}
- WARNING
Group [A01K 85/1851](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1853
- {Lure slidable on line}
- WARNING
Group [A01K 85/1853](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1857
- {with a hook to line connection interlocked by the lure}
- WARNING
Group [A01K 85/1857](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1861
- {shiftable on strike}
- WARNING
Group [A01K 85/1861](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1863
- {with biasing mechanism generating specific lure motion during line tension}
- WARNING
Group [A01K 85/1863](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1867
- {characterised by the line attachments}
- WARNING
Group [A01K 85/1867](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.

- N A01K 85/1871
- {with two or more lures or movably connected rigid lure members}
- WARNING
Groups [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), and [A01K 85/1891](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1873
- • {with at least one member located within the other in a rotatable arrangement}
- N A01K 85/1877
- • {with two or more movable members arranged offset, e.g. at sides of the body}
- N A01K 85/1881
- • {movably connected in series}
- N A01K 85/1883
- • • {with one member rotating}
- N A01K 85/1887
- • • • {sheet material preceding and rotating}
- N A01K 85/1891
- • • {Lure members made of sheet material}
- N A01K 85/1893
- {Motor-operated artificial bait}
- WARNING
Group [A01K 85/1893](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 85/1897
- {Lures characterised by the manufacturing process}
- WARNING
Group [A01K 85/1897](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 87/00
- RedsFishing rods**
- WARNING
Group [A01K 87/00](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/00](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/002
- {with the line passing through the hollow rod}
- WARNING
Group [A01K 87/002](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/002](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/005
- • {comprising internal line guides}
- WARNING
Group [A01K 87/005](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/005](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- U A01K 87/007 · {with built-in accessories, e.g. lighting means or measuring devices}
- N A01K 87/008 · {with attached auxiliary devices, e.g. for keeping the rod afloat or for line cutting}
- WARNING
Group [A01K 87/008](#) is incomplete pending reclassification of documents from groups [A01K 87/00](#), [A01K 87/002](#), [A01K 87/005](#), [A01K 87/02](#), [A01K 87/025](#), [A01K 87/04](#), [A01K 87/06](#), [A01K 87/08](#), and [A01K 87/085](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A01K 87/009 · · {Hook or tackle holders}
- WARNING
Group [A01K 87/009](#) is incomplete pending reclassification of documents from groups [A01K 87/00](#), [A01K 87/002](#), [A01K 87/005](#), [A01K 87/02](#), [A01K 87/025](#), [A01K 87/04](#), [A01K 87/06](#), [A01K 87/08](#), [A01K 87/085](#), and [A01K 97/06](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C A01K 87/02 · Connecting devices for parts of the rods
- WARNING
Group [A01K 87/02](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/02](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/025 · · {telescopic}
- WARNING
Group [A01K 87/025](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/025](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/04 · Fishing-line guides on rods {, e.g. tips (internal line guides [A01K 87/005](#))}
- WARNING
Group [A01K 87/04](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/04](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/06 · Devices for fixing reels on rods
- WARNING
Group [A01K 87/06](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/06](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- C A01K 87/08 · Handgrips
- WARNING
Group [A01K 87/08](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
Groups [A01K 87/08](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- C A01K 87/085
- {Heating devices or other means to protect against the cold}
- WARNING**
 Group A01K 87/085 is impacted by reclassification into groups A01K 87/008 and A01K 87/009.
 Groups A01K 87/085, A01K 87/008, and A01K 87/009 should be considered in order to perform a complete search.
- M A01K 97/00
- Accessories for angling (fish stringers A01K 65/00; landing-nets or landing-spoons for fishing A01K 77/00); fish finder ~~G01S 15/96~~**
- C A01K 97/06
- Containers or holders for hooks, lines, sinkers, flies or the like *{attached to a fishing rod A01K 87/009}*
- WARNING**
 Group A01K 97/06 is impacted by reclassification into group A01K 87/009.
 Groups A01K 97/06 and A01K 87/009 should be considered in order to perform a complete search.

Project: RP0267-F (B65H)

- M B65H 15/00
- Overturning articles**
- WARNING**
 Group B65H 15/00 is impacted by reclassification into groups B65H 15/004, B65H 15/008, B65H 15/012 and B65H 15/016.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M B65H 15/004
- {employing rollers}
- WARNING**
 Group B65H 15/004 is incomplete pending reclassification of documents from groups B65H 15/00 and B65H 15/02.
 Groups B65H 15/00, B65H 15/02 and B65H 15/004 should be considered in order to perform a complete search.
- M B65H 15/008
- {employing belts}
- WARNING**
 Group B65H 15/008 is incomplete pending reclassification of documents from groups B65H 15/00 and B65H 15/02.
 Groups B65H 15/00, B65H 15/02 and B65H 15/008 should be considered in order to perform a complete search.
- M B65H 15/012
- {twisted belts}
- WARNING**
 Group B65H 15/012 is incomplete pending reclassification of documents from groups B65H 15/00 and B65H 15/02.
 Groups B65H 15/00, B65H 15/02 and B65H 15/012 should be considered in order to perform a complete search.
- M B65H 15/016
- {employing rotary or reciprocating elements supporting transport means}
- WARNING**
 Group B65H 15/016 is incomplete pending reclassification of documents from groups B65H 15/00 and B65H 15/02.
 Groups B65H 15/00, B65H 15/02 and B65H 15/016 should be considered in order to perform a complete search.

- M B65H 15/02
- Overturning piles

WARNING

Group B65H 15/02 is impacted by reclassification into groups B65H 15/004, B65H 15/008, B65H 15/012 and B65H 15/016.

All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0290-F (F16B)

- M F16B 9/00

Connections of rods or tubular parts to flat surfaces at an angle ({with a part of or on one member entering a hole in the other and involving plastic deformation [F16B 17/006](#);} friction-grip releasable fastenings in general [F16B 2/00](#); making press-fit connections [B23P 11/00](#), [B23P 19/00](#); fluid-tight connecting of pipes to reservoirs, sheets, or the like [F16L](#), e.g. joining pipes {or rods conveying fluids} to walls [F16L 41/00](#))

WARNING

Group F16B 9/00 is impacted by reclassification into groups F16B 9/01, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.

All groups listed in this Warning should be considered in order to perform a complete search.

- M F16B 9/01
- {Welded or bonded connections}

WARNING

Group F16B 9/01 is incomplete pending reclassification of documents from group F16B 9/00.

Groups F16B 9/00 and F16B 9/01 should be considered in order to perform a complete search.

- M F16B 9/02
- Detachable connections ({[F16B 9/05](#) – [F16B 9/09](#) take precedence})

WARNING

Group F16B 9/02 is impacted by reclassification into groups F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.

All groups listed in this Warning should be considered in order to perform a complete search.

- D F16B 9/023
—(Frozen)
- {using clamps or clips}

WARNING

Group F16B 9/023 is no longer used for the classification of documents as of August 1, 2018. The content of this group is being reclassified into groups F16B 9/02, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.

All groups listed in this Warning should be considered in order to perform a complete search.

- D F16B 9/026
—(Frozen)
- {using screw-thread elements}

WARNING

Group F16B 9/026 is no longer used for the classification of documents as of August 1, 2018.

The content of this group is being reclassified into groups F16B 9/02, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.

All groups listed in this Warning should be considered in order to perform a complete search.

- M F16B 9/05
- {by way of an intermediate member}
- WARNING**
Groups F16B 9/05-F16B 9/058 are incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02 – F16B 9/026 and F16B 17/00. Groups F16B 9/00, F16B 9/02 – F16B 9/026, F16B 9/05 – F16B 9/058 and F16B 17/00 should be considered in order to perform a complete search.
- M F16B 9/07
- {involving plastic or elastic deformation when assembling (involving plastic deformation with a part of or on one member entering a hole in the other [F16B 17/006](#))}
- WARNING**
Group F16B 9/07 is incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02 – F16B 9/026 and F16B 17/00. Groups F16B 9/00, F16B 9/02 – F16B 9/026, F16B 9/07, and F16B 17/00 should be considered in order to perform a complete search.
- M F16B 9/09
- {rods and flat surfaces interengaging by projections and mating sockets}
- WARNING**
Group F16B 9/09 is incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02 – F16B 9/026 and F16B 17/00. Groups F16B 9/00, F16B 9/02 – F16B 9/026, F16B 9/09, and F16B 17/00 should be considered in order to perform a complete search.
- M F16B 17/00
- Connecting constructional elements or machine parts by a part of or on one member entering a hole in the other {and involving plastic deformation} (riveting [F16B 19/04](#))**
- WARNING**
Group F16B 17/00 is impacted by reclassification into groups F16B 9/02, F16B 9/05 – F16B 9/09. All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0290-F (Y10T)

- U Y10T 403/00** **Joints and connections**
- D Y10T 403/39
—(Frozen)
- Rod to member to side, e.g. , plate, rod side, etc.
- WARNING**
Groups Y10T 403/39 – Y10T 403/3993 are no longer used for the classification of documents as of August 1, 2018. The content of these groups is being reclassified into groups F16B 7/00, F16B 9/00, F16B 17/00, F16B 2200/00, other F16B groups as appropriate and Y10T 403/46. All groups listed in this Warning should be considered in order to perform a complete search.
- D Y10T 403/3906
—(Frozen)
- • Rod side to member to side
- D Y10T 403/3913
—(Frozen)
- • Unilateral of side
- D Y10T 403/3921
—(Frozen)
- • Arcuate or multiplanar side
- D Y10T 403/3926
—(Frozen)
- • • Encompassed side

- D Y10T 403/3933 —(Frozen) . . Intermediate member includes tubular part
- D Y10T 403/3941 —(Frozen) . . . Side or tubular part deformed in situ
- D Y10T 403/3946 —(Frozen) . . . Intermediate member extends through side
- D Y10T 403/3953 —(Frozen) Split or divided tubular part and coacting compressor
- D Y10T 403/3961 —(Frozen) Transverse clamp secures rod and tubular part
- D Y10T 403/3966 —(Frozen) Rod also extends through side
- D Y10T 403/3981 —(Frozen) . . . Intermediate member secured to side by radial flange
- D Y10T 403/3986 —(Frozen) . . . Internally threaded tubular part
- D Y10T 403/3993 —(Frozen) . . Intermediate member extends completely through side
- U Y10T 403/46 . . Rod end to transverse side of member
- D Y10T 403/4605 —(Frozen) . . Stirrup
WARNING
 Groups Y10T 403/4605 – Y10T 403/4648 are no longer used for the classification of documents as of August 1, 2018.
 The content of these groups is being reclassified into groups F16B 7/00, F16B 9/00, F16B 17/00, F16B 2200/00, other F16B groups as appropriate and Y10T 403/46.
 All groups listed in this Warning should be considered in order to perform a complete search.
- D Y10T 403/4608 —(Frozen) . . Structure attached to rod end encompasses side
- D Y10T 403/4611 —(Frozen) . . . Clamped saddle
- D Y10T 403/4614 —(Frozen) . . . Yoke or ring
- D Y10T 403/4617 —(Frozen) having radial screw at bight
- D Y10T 403/4621 —(Frozen) . . including saddle
- D Y10T 403/4634 —(Frozen) . . Rod and side deformingly interlocked
- D Y10T 403/4637 —(Frozen) . . Radially interposed, side-engaging shim or bushing
- D Y10T 403/4641 —(Frozen) . . Socket formed by shaping or deforming side
- D Y10T 403/4642 —(Frozen) . . Integral transverse projection on side, e.g., necked, etc.
- D Y10T 403/4645 —(Frozen) . . . From rod side
- D Y10T 403/4648 —(Frozen) . . Utilizing opposite sides of member

Project: RP0297-F (H01M)**U H01M 8/00 Fuel cells; Manufacture thereof**NOTE

In this group, the following expression is used with the meaning indicated:

- "Fuel cell" means an electrochemical generator wherein the reactants are supplied from outside.

U H01M 8/02

- Details (electrodes [H01M 4/86](#) - [H01M 4/98](#))

U H01M 8/0202

- • Collectors; Separators, e.g. bipolar separators; Interconnectors

M H01M 8/0258

- • • characterised by the configuration of channels, e.g. by the flow field of the reactant or coolant

WARNING

Group H01M 8/0258 is incomplete pending reclassification of documents from group H01M 8/0267 and impacted by reclassification into H01M 8/2483.-

Groups H01M 8/0258, H01M 8/0267 and H01M 8/2483 should be considered in order to perform a complete search.

M H01M 8/026

- • • characterised by grooves, e.g. their pitch or depth

WARNING

Groups H01M 8/026-H01M 8/0265 are incomplete pending reclassification of documents from group H01M 8/0267.-

Group H01M 8/0267 should be considered when searching any group of the range H01M 8/026-H01M 8/0265 in order to perform a complete search.

M H01M 8/0267

- • • having heating or cooling means, e.g. heaters or coolant flow channels

WARNING

Group H01M 8/0267 is impacted by reclassification into groups H01M 8/0258 - H01M 8/0265 and H01M 8/2483.-

Groups H01M 8/0267 should be considered when searching any group in the range H01M 8/0258 - H01M 8/0265 or group H01M 8/2483.

M H01M 8/0271

- • Sealing or supporting means around electrodes, matrices or membranes

WARNING

Group H01M 8/0271 is incomplete pending reclassification of documents from group H01M 8/0297.-

Group H01M 8/0297 and H01M 8/0271 should be considered in order to perform a complete search.

M H01M 8/0273

- • • with sealing or supporting means in the form of a frame

WARNING

Group H01M 8/0273 is incomplete pending reclassification of documents from group H01M 8/0276.-

Group H01M 8/0276 and H01M 8/0273 should be considered in order to perform a complete search.

M H01M 8/0276

- • • Sealing means characterised by their form ([H01M 8/0273](#) takes precedence)

WARNING

Group H01M 8/0276 is impacted by reclassification into group H01M 8/0273.-

~~Groups H01M 8/0276 and H01M 8/0273 should be considered in order to perform a complete search.~~

- M H01M 8/0297
 - Arrangements for joining electrodes, reservoir layers, heat exchange units or bipolar separators to each other ([H01M 8/0271](#) takes precedence)

WARNING

~~Group H01M 8/0297 is impacted by reclassification into groups H01M 8/0271.~~

~~Groups H01M 8/0297 and H01M 8/0271 should be considered in order to perform a complete search.~~

- U H01M 8/04
- M H01M 8/04223
 - Auxiliary arrangements, e.g. for control of pressure or for circulation of fluids
 - during start-up or shut-down; Depolarisation or activation, e.g. purging; Means for short-circuiting defective fuel cells

WARNING

~~Group H01M 8/04223 is impacted by reclassification into groups groups H01M 8/04225-H01M 8/04228 and H01M 8/043-H01M 8/04303.~~

~~Groups H01M 8/04223 should be considered when searching any group of the ranges H01M 8/04225-H01M 8/04228 and H01M 8/043-H01M 8/04303 in order to perform a complete search.~~

- M H01M 8/04225
 - during start-up

WARNING

~~Groups H01M 8/04225-H01M 8/04228 are incomplete pending reclassification of documents from group H01M 8/04223.~~

~~Group H01M 8/04223 should be considered when searching any group of the range H01M 8/04225-H01M 8/04228 in order to perform a complete search.~~

- U H01M 8/04298
 - Processes for controlling fuel cells or fuel cell systems
- M H01M 8/043
 - applied during specific periods

WARNING

~~Groups H01M 8/043-H01M 8/04303 are incomplete pending reclassification of documents from group H01M 8/04223.~~

~~Group H01M 8/04223 should be considered any group of the range H01M 8/043-H01M 8/04303 in order to perform a complete search.~~

- M H01M 8/24
 - Grouping of fuel cells, e.g. stacking of fuel cells

WARNING

~~Group H01M 8/24 is impacted by reclassification into group H01M 8/2404.~~

~~Groups H01M 8/24 and H01M 8/2404 should be considered in order to perform a complete search.~~

- M H01M 8/2404
 - Processes or apparatus for grouping fuel cells

WARNING

~~Group H01M 8/2404 is incomplete pending reclassification of documents from groups H01M 8/24, H01M 8/241, H01M 8/242, H01M 8/2425, H01M 8/243, H01M 8/2435, H01M 8/244, H01M 8/245 and H01M 8/246.~~

~~All groups listed in this warning should be considered when searching H01M 8/2404 to perform a complete search.~~

- D H01M 8/2405
—(Frozen)
- {comprising spaced diffusion electrodes or electrode layers with interposed electrolyte layer or electrolyte compartment}
- WARNING**
Group H01M 8/2405 is no longer used for the classification of documents as of February 1, 2016. The content of this group is being reclassified into groups H01M 8/2457 and H01M 8/2459.
Group H01M 8/2405 should be considered when searching group H01M 8/2457 or H01M 8/2459 in order to perform a complete search.
- M H01M 8/241
- with solid or matrix-supported electrolytes
- WARNING**
Group H01M 8/241 is impacted by reclassification into groups H01M 8/2404 and H01M 8/2418.
Groups H01M 8/241 should be considered when searching group H01M 8/2404 or group H01M 8/2418 in order to perform a complete search.
- D H01M 8/2415
—(Frozen)
- {External manifolded battery stock}
- WARNING**
Group H01M 8/2415 is no longer used for the classification of documents as of February 1, 2016. The content of this group is being reclassified into groups H01M 8/2484 and H01M 8/2485.
Groups H01M 8/2415 should be considered when searching group H01M 8/2484 or H01M 8/2485 in order to perform a complete search.
- M H01M 8/2418
- Grouping by arranging unit cells in a plane ([H01M 8/2425](#), [H01M 8/244](#) take precedence)
- WARNING**
Group H01M 8/2418 is incomplete pending reclassification of documents from group H01M 8/241.
Group H01M 8/241 and H01M 8/2418 should be considered in order to perform a complete search.
- M H01M 8/242
- comprising framed electrodes or intermediary frame-like gaskets ([H01M 8/2425](#), [H01M 8/244](#) take precedence)
- WARNING**
Group H01M 8/242 is incomplete pending reclassification of documents from groups H01M 8/245 and H01M 8/246, and impacted by reclassification into groups H01M 8/2404.
Group H01M 8/242, H01M 8/2404, H01M 8/245, and H01M 8/246 should be considered in order to perform a complete search.
- M H01M 8/2425
- High-temperature cells with solid electrolytes
- WARNING**
Group H01M 8/2425 is incomplete pending reclassification of documents from group H01M 8/245 and H01M 8/246, and impacted by reclassification into groups H01M 8/2428, H01M 8/2432 and H01M 8/2404.
Groups H01M 8/2425, H01M 8/2428, H01M 8/2432, H01M 8/2404, H01M 8/245 and H01M 8/246 should be considered in order to perform a complete search.
- M H01M 8/2428
- Grouping by arranging unit cells on a surface of any form, e.g. planar or tubular
- WARNING**
Group H01M 8/2428 is incomplete pending reclassification of documents from groups H01M 8/2425, H01M 8/245 and H01M 8/246.

		<p>Groups H01M 8/2425, H01M 8/245 H01M 8/246, and H01M 8/2428 should be considered in order to perform a complete search.</p>
M	H01M 8/243	<ul style="list-style-type: none">• • • Grouping of unit cells of tubular or cylindrical configuration <p><u>WARNING</u> Group H01M 8/243 is impacted by reclassification into group H01M 8/2404. Groups H01M 8/243 and H01M 8/2404 should be considered in order to perform a complete search.</p>
M	H01M 8/2432	<ul style="list-style-type: none">• • • Grouping of unit cells of planar configuration <p><u>WARNING</u> Group H01M 8/2432 is incomplete pending reclassification of documents from groups H01M 8/2425, H01M 8/245 and H01M 8/246. Groups H01M 8/2425, H01M 8/245, H01M 8/246 and H01M 8/2432 should be considered in order to perform a complete search.</p>
M	H01M 8/2435	<ul style="list-style-type: none">• • • with monolithic core structure, e.g. honeycombs <p><u>WARNING</u> Group H01M 8/2435 is impacted by reclassification into group H01M 8/2404. Groups H01M 8/2435 and H01M 8/2404 should be considered in order to perform a complete search.</p>
M	H01M 8/244	<ul style="list-style-type: none">• • • with matrix-supported molten electrolyte <p><u>WARNING</u> Group H01M 8/244 is/are impacted by reclassification into group H01M 8/2404. Groups H01M 8/244 and H01M 8/2404 should be considered in order to perform a complete search.</p>
D	H01M 8/2445 —(Frozen)	<ul style="list-style-type: none">• {comprising spaced diffusion electrodes or electrode layers with interposed electrolyte compartment with possible electrolyte supply or circulation} <p><u>WARNING</u> Group H01M 8/2445 is no longer used for the classification of documents as of February 1, 2016. The content of this group is being reclassified into groups H01M 8/2457 and H01M 8/2459. Groups H01M 8/2445 should be considered when searching group H01M 8/2457 or H01M 8/2459 in order to perform a complete search.</p>
D	H01M 8/245 —(Frozen)	<ul style="list-style-type: none">• • {comprising framed electrodes or intermediary frame-like gaskets} <p><u>WARNING</u> Group H01M 8/245 is no longer used for the classification of documents as of February 1, 2016. The content of this group is being reclassified into groups H01M 8/2404, H01M 8/2428, H01M 8/2432, H01M 8/242 and H01M 8/2425. Groups H01M 8/245 should be considered when searching any of the listed groups of this warning in order to perform a complete search.</p>
M	H01M 8/2457	<ul style="list-style-type: none">• with both reactants being gaseous or vaporised <p><u>WARNING</u> Group H01M 8/2457 is incomplete pending reclassification of documents from groups H01M 8/2405 and H01M 8/2445. Groups H01M 8/2405, H01M 8/2445 and H01M 8/2457 should be considered in order to perform a complete search.</p>

- M H01M 8/2459
- {Comprising electrode layers with interposed electrolyte compartment with possible electrolyte supply or circulation}
- WARNING**
 Group H01M 8/2459 is/are incomplete pending reclassification of documents from groups H01M 8/2405 and H01M 8/2445.
 Groups H01M 8/2405, H01M 8/2445 and H01M 8/2459 should be considered in order to perform a complete search.
- D H01M 8/246
 —(Frozen)
- {having liquid, solid or electrolyte-charged reactants with framed electrodes or intermediary frame-like gaskets}
- WARNING**
 Group H01M 8/246 is no longer used for the classification of documents as of February 1, 2016. The content of this group is being reclassified into groups H01M 8/2404, H01M 8/2428, H01M 8/2432, H01M 8/242 and H01M 8/2425. Groups H01M 8/246 should be considered when searching any of the listed groups of this warning in order to perform a complete search.
- M H01M 8/2465
- Details of groupings of fuel cells
- WARNING**
 Group H01M 8/2465 is impacted by reclassification into group H01M 8/2483.
 Groups H01M 8/2465 and H01M 8/2483 should be considered in order to perform a complete search.
- M H01M 8/2483
- • characterised by internal manifolds
- WARNING**
 Group H01M 8/2483 is incomplete pending reclassification of documents from groups H01M 8/0258 and H01M 8/2465.
 Groups H01M 8/0258, H01M 8/2465 and H01M 8/2483 should be considered in order to perform a complete search.
- M H01M 8/2484
- • characterised by external manifolds
- WARNING**
 Group H01M 8/2484 is incomplete pending reclassification of documents from groups H01M 8/2415 and H01M 8/2485.
 Groups H01M 8/2415, H01M 8/2485 and H01M 8/2484 should be considered in order to perform a complete search.
- M H01M 8/2485
- • • Arrangements for sealing external manifolds; Arrangements for mounting external manifolds around a stack
- WARNING**
 Group H01M 8/2485 is incomplete pending reclassification of documents from group H01M 8/2415 and impacted by reclassification into group H01M 8/2484.
 Groups H01M 8/2415, H01M 8/2485 and H01M 8/2484 should be considered in order to perform a complete search.

Project: RP0308-F (G07D)

M	G07D 7/00	<p>Testing specially adapted to determine the identity or genuineness of valuable papers or for segregating those which are unacceptable, e.g. banknotes that are alien to a currency</p> <p><u>NOTE</u> In this group, groups G07D 7/16 - G07D 7/20 take precedence over groups G07D 7/02 - G07D 7/14.</p> <p>WARNING Group G07D 7/00 is impacted by reclassification into group G07D 7/15. Groups G07D 7/00 and G07D 7/15 should be considered in order to perform a complete search.</p>
M	G07D 7/004	<ul style="list-style-type: none"> • using digital security elements, e.g. information coded on a magnetic thread or strip <p>WARNING Groups G07D 7/004 – G07D 7/0043 are incomplete pending reclassification of documents from group G07D 7/20. Groups G07D 7/004, G07D 7/0043 and G07D 7/20 should be considered in order to perform a complete search.</p>
M	G07D 7/005	<ul style="list-style-type: none"> • Testing security markings invisible to the naked eye, e.g. verifying thickened lines or unobtrusive markings or alterations <p>WARNING Groups G07D 7/005 – G07D 7/0057 are incomplete pending reclassification of documents from group G07D 7/20. Groups G07D 7/005 – G07D 7/0057 and G07D 7/20 should be considered in order to perform a complete search.</p>
M	G07D 7/01	<ul style="list-style-type: none"> • Testing electronic circuits therein <p>WARNING Group G07D 7/01 is incomplete pending reclassification of documents from group G07D 7/02 and G07D 7/04. Groups G07D 7/01, G07D 7/02 and G07D 7/04 should be considered in order to perform a complete search.</p>
M	G07D 7/02	<ul style="list-style-type: none"> • Testing electrical properties of the materials thereof (G07D 7/01 takes precedence) <p>WARNING Group G07D 7/02 is impacted by reclassification into group G07D 7/01. Groups G07D 7/02 and G07D 7/01 should be considered in order to perform a complete search.</p>
M	G07D 7/04	<ul style="list-style-type: none"> • Testing magnetic properties of the materials thereof, e.g. by detection of magnetic imprint (G07D 7/01 takes precedence) <p>WARNING Group G07D 7/04 is impacted by reclassification into group G07D 7/01. Groups G07D 7/04 and G07D 7/01 should be considered in order to perform a complete search.</p>
U	G07D 7/06	<ul style="list-style-type: none"> • using wave or particle radiation
M	G07D 7/12	<ul style="list-style-type: none"> • Visible light, infra-red or ultraviolet radiation <p>WARNING Group G07D 7/12 is incomplete pending reclassification of documents from group G07D 7/121.</p>

~~Groups G07D 7/12 and G07D 7/121 should be considered in order to perform a complete search.~~

- M G07D 7/121
- Apparatus characterised by sensor details

WARNING

~~Group G07D 7/121 is impacted by reclassification into group G07D 7/12. Groups G07D 7/121 and G07D 7/12 should be considered in order to perform a complete search.~~

- M G07D 7/15
- using heating means

WARNING

~~Group G07D 7/15 is incomplete pending reclassification of documents from group G07D 7/00. Groups G07D 7/00 and G07D 7/15 should be considered in order to perform a complete search.~~

- M G07D 7/181
- Testing mechanical properties or condition, e.g. wear or tear ([G07D 7/16](#) takes precedence)

WARNING

~~Group G07D 7/181 is impacted by reclassification into group G07D 7/189. Groups G07D 7/181 and G07D 7/189 should be considered in order to perform a complete search.~~

- M G07D 7/189
- Detecting attached objects, e.g. tapes or clips ([G07D 7/187](#) takes precedence)

WARNING

~~Group G07D 7/189 is incomplete pending reclassification of documents from group G07D 7/181. Groups G07D 7/181 and G07D 7/189 should be considered in order to perform a complete search.~~

- M G07D 7/20
- Testing patterns thereon ([G07D 7/004](#), [G07D 7/005](#) take precedence)

WARNING

~~Group G07D 7/20 is impacted by reclassification into groups G07D 7/004 – G07D 7/005. Groups G07D 7/20 and G07D 7/004 – G07D 7/005 should be considered in order to perform a complete search.~~

Project: RP0319-F (G09F)

- U G09F 21/00 **Mobile visual advertising (combined visual and audible advertising [G09F 27/00](#))**

- M G09F 21/04
- by land vehicles

WARNING

~~Group G09F 21/04 is impacted by reclassification into groups G09F 21/04, G09F 21/042 and G09F 21/049. Groups G09F 21/04, G09F 21/042 and G09F 21/049 should be considered in order to perform a complete search.~~

- M G09F 21/042
- {the advertising matter being fixed on the roof of the vehicles}

WARNING

~~Group G09F 21/042 is incomplete pending reclassification of documents from group G09F 21/04.~~

~~Groups G09F 21/04 and G09F 21/042 should be considered in order to perform a complete search.~~

- M G09F 21/049
- {giving information to passengers inside the vehicles}

WARNING

~~Group G09F 21/049 is incomplete pending reclassification of documents from group G09F 21/04.~~
~~Groups G09F 21/04 and G09F 21/049 should be considered in order to perform a complete search.~~

Project: RP0398-F (B65D)

- U B65D 17/00
- Rigid or semi-rigid containers specially constructed to be opened by cutting or piercing, or by tearing of frangible members or portions ({containers made of paper [B65D 3/00](#), [B65D 5/00](#);} frangible inner closure members associated with caps, lids or covers [B65D 51/20](#))**

- M B65D 17/28
- at lines or points of weakness

WARNINGS

~~1. Group B65D 17/28 is impacted by reclassification into groups B65D 17/30, B65D 17/32, B65D 17/34, B65D 17/347, B65D 17/353, B65D 17/36, B65D 17/38, B65D 17/40, B65D 17/42, B65D 17/44, B65D 17/46, B65D 17/48, and B65D 17/52.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

~~2. Groups B65D 17/30 – B65D 17/40 are incomplete pending reclassification of documents from group B65D 17/28.~~

~~Groups B65D 17/30 – B65D 17/40 and B65D 17/28 should be considered in order to perform a complete search.~~

- M B65D 17/42
- with cutting, punching, or cutter accommodating means (for opening at lines or points of weakness [B65D 17/28](#))

WARNING

~~Groups B65D 17/42 – B65D 17/46 are incomplete pending reclassification of documents from group B65D 17/28.~~

~~Groups B65D 17/42 – B65D 17/46 and B65D 17/28 should be considered in order to perform a complete search.~~

- U B65D 17/46
- • Wires, strings or the like, e.g. rip cords

- M B65D 17/48
- • • located in the seam-adjointing parts of the container

WARNING

~~Group B65D 17/48 is incomplete pending reclassification of documents from group B65D 17/28.~~

~~Groups B65D 17/48 and B65D 17/28 should be considered in order to perform a complete search.~~

- M B65D 17/50
- Non-integral frangible members applied to, or inserted in, preformed openings, e.g. tearable strips or plastic plugs ([B65D 53/08](#) takes precedence)

WARNING

~~Group B65D 17/50 is impacted by reclassification into group B65D 53/08.~~

~~Groups B65D 17/50 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/501
- • {Flexible tape or foil-like material}

WARNING

~~Group B65D 17/501 is impacted by reclassification into group B65D 53/08.~~

~~Groups B65D 17/501 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/502
- • • {applied to the external part of the container wall only}

WARNING

~~Group B65D 17/502 is impacted by reclassification into group B65D 53/08. Groups B65D 17/502 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/503
- • • {applied to the internal part of the container wall only}

WARNING

~~Group B65D 17/503 is impacted by reclassification into group B65D 53/08. Groups B65D 17/503 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/505
- • • {applied to the external and internal part of the container wall}

WARNING

~~Group B65D 17/505 is impacted by reclassification into group B65D 53/08. Groups B65D 17/505 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/506
- • {Rigid or semi-rigid members, e.g. plugs}

WARNING

~~Group B65D 17/506 is impacted by reclassification into group B65D 53/08. Groups B65D 17/506 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/507
- • • {moulded in situ, e.g. during production of container}

WARNING

~~Group B65D 17/507 is impacted by reclassification into group B65D 53/08. Groups B65D 17/507 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/508
- • • • {and combined with a rigid or semi-rigid, e.g. metallic sheet and a moulded plastic body}

WARNING

~~Group B65D 17/508 is impacted by reclassification into group B65D 53/08. Groups B65D 17/508 and B65D 53/08 should be considered in order to perform a complete search.~~

- M B65D 17/52
- Attachment of opening tools, e.g. slotted keys, to containers

WARNING

~~Group B65D 17/52 is incomplete pending reclassification of documents from group B65D 17/28. Groups B65D 17/52 and B65D 17/28 should be considered in order to perform a complete search.~~

- U B65D 53/00

Sealing or packing elements (sealings in general [F16J 15/00](#)); Sealings formed by liquid or plastics material

NOTE

Sealings or packing means combined with particular closures are classified with the closures, e.g. in subgroups of [B65D 39/00](#) together with indexing codes out of [B65D339/00](#), or in the groups [B65D 41/005](#), [B65D 41/0435](#)

- M B65D 53/08
- Flexible adhesive strips adapted to seal filling or discharging apertures

WARNING

~~Group B65D 53/08 is incomplete pending reclassification of documents from groups B65D 17/50 – B65D 17/508.~~
~~Groups B65D 53/08 and B65D 17/50 – B65D 17/508 should be considered in order to perform a complete search.~~

Project: RP0412-F (A21D)

- U A21D 13/00** **Finished or partly finished bakery products**

- M A21D 13/04
- Products made from materials other than rye or wheat flour

WARNING

~~Group A21D 13/04 is impacted by reclassification into groups A21D 13/043, A21D 13/045 and A21D 13/047.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M A21D 13/043
- from tubers, e.g. manioc or potato

WARNING

~~Group A21D 13/043 is incomplete pending reclassification of documents from group A21D 13/04.~~
~~Groups A21D 13/04 and A21D 13/043 should be considered in order to perform a complete search.~~

- M A21D 13/045
- from leguminous plants

WARNING

~~Group A21D 13/045 is incomplete pending reclassification of documents from group A21D 13/04.~~
~~Groups A21D 13/04 and A21D 13/045 should be considered in order to perform a complete search.~~

- M A21D 13/047
- from cereals other than rye or wheat, e.g. rice

WARNING

~~Group A21D 13/047 is incomplete pending reclassification of documents from group A21D 13/04.~~
~~Groups A21D 13/04 and A21D 13/047 should be considered in order to perform a complete search.~~

- M A21D 13/40
- Products characterised by the type, form or use

WARNING

~~Group A21D 13/40 is impacted by reclassification into groups A21D 13/43, A21D 13/40 and A21D 13/43 should be considered in order to perform a complete search.~~

- M A21D 13/43
- Flatbreads, e.g. naan

WARNING

~~Group A21D 13/43 is incomplete pending reclassification of documents from group A21D 13/40.~~
~~Groups A21D 13/40 and A21D 13/43 should be considered in order to perform a complete search.~~

Project: RP0471-F (G09G)

M G09G 3/00 Control arrangements or circuits, of interest only in connection with visual indicators other than cathode-ray tubes

WARNING

Group G09G 3/00 is impacted by reclassification into groups G09G 3/03 and G09G 3/035.

Groups G09G 3/00, G09G 3/03, and G09G 3/035 should be considered in order to perform a complete search.

M G09G 3/03 • {specially adapted for displays having non-planar surfaces, e.g. curved displays}

WARNING

Group G09G 3/03 is incomplete pending reclassification of documents from group G09G 3/00.

Groups G09G 3/00 and G09G 3/03 should be considered in order to perform a complete search.

M G09G 3/035 • • {for flexible display surfaces}

WARNING

Group G09G 3/035 is incomplete pending reclassification of documents from groups G09G 3/00 and G09G 2380/02.

Groups G09G 3/00, G09G 2380/02, and G09G 3/035 should be considered in order to perform a complete search.

U G09G 2380/00 Specific applications

M G09G 2380/02 • Flexible displays

WARNING

Group G09G 2380/02 is impacted by reclassification into group G09G 3/035.

Groups G09G 2380/02 and G09G 3/035 should be considered in order to perform a complete search.

Project: RP0485-F (A01G)

M A01G 2/00 Vegetative propagation (plant reproduction by tissue culture techniques A01H 4/00)

WARNING

Group A01G 2/00 is impacted by reclassification into groups A01G 2/10, A01G 2/20, A01G 20/00, A01G 22/00, A01G 22/05, A01G 22/10, A01G 22/15, A01G 22/20, A01G 22/22, A01G 22/25, A01G 22/30, A01G 22/35, A01G 22/40, A01G 22/45, A01G 22/50, A01G 22/55, A01G 22/60, A01G 22/63, and A01G 22/67.

All groups listed in this Warning should be considered in order to perform a complete search.

M A01G 2/10 • by means of cuttings

WARNING

Group A01G 2/10 is incomplete pending reclassification of documents from group A01G 2/00.

Groups A01G 2/00 and A01G 2/10 should be considered in order to perform a complete search.

- M A01G 2/20
- Layering
- WARNING**
Group A01G 2/20 is incomplete pending reclassification of documents from group A01G 2/00.
Groups A01G 2/00 and A01G 2/20 should be considered in order to perform a complete search.
- M A01G 2/30
- Grafting (grafting-wax [A01N 3/04](#))
- WARNING**
Group A01G 2/30 is impacted by reclassification into groups A01G 2/32, A01G 2/35, and A01G 2/38.
All groups listed in this Warning should be considered in order to perform a complete search.
- M A01G 2/32
- • Automatic apparatus therefor
- WARNING**
Group A01G 2/32 is incomplete pending reclassification of documents from group A01G 2/30.
Groups A01G 2/30 and A01G 2/32 should be considered in order to perform a complete search.
- M A01G 2/35
- • Cutting; Inserting
- WARNING**
Group A01G 2/35 is incomplete pending reclassification of documents from group A01G 2/30.
Groups A01G 2/30 and A01G 2/35 should be considered in order to perform a complete search.
- M A01G 2/38
- • Holding; Ligating
- WARNING**
Group A01G 2/38 is incomplete pending reclassification of documents from group A01G 2/30.
Groups A01G 2/30 and A01G 2/38 should be considered in order to perform a complete search.
- U A01G 7/00**
- U A01G 7/04**
- M A01G 7/045**
- • Holding; Ligating
- WARNING**
Group A01G 7/045 is incomplete pending reclassification of documents from group A01G 9/26.
Groups A01G 9/26 and A01G 7/045 should be considered in order to perform a complete search.
- M A01G 9/00**
- Cultivation in receptacles, forcing-frames or greenhouses (of mushrooms [A01G 18/00](#); soilless cultivation [A01G 31/00](#)); Edging for beds, lawn or the like**
- WARNING**
Group A01G 9/00 is impacted by reclassification into groups A01G 18/00, A01G 18/60 and A01G 9/28.
Groups A01G 9/00, A01G 18/00, A01G 18/60 and A01G 9/28 should be considered in order to perform a complete search.

- U A01G 9/02
- Receptacles, e.g. flower-pots or boxes (self-acting watering devices [A01G 27/00](#); hanging flower baskets, holders or containers for flower-pots [A47G 7/00](#)); Glasses for cultivating flowers
- M A01G 9/029
- • Receptacles for seedlings (growth substrates in block form [A01G 24/44](#))
- WARNING**
Group A01G 9/029 is impacted by reclassification into groups A01G 24/44 and A01G 24/60.—
Groups A01G 9/029, A01G 24/44, and A01G 24/60 should be considered in order to perform a complete search.
- U A01G 9/24
- Devices {or systems} for heating, ventilating, regulating temperature {, illuminating}, or watering, in greenhouses, forcing-frames, or the like
- M A01G 9/249
- • {Lighting means (with special arrangements for promoting growth [A01G 7/045](#))}
- WARNING**
Group A01G 9/249 is incomplete pending reclassification of documents from group A01G 9/26.—
Groups A01G 9/26 and A01G 9/249 should be considered in order to perform a complete search.
- M A01G 9/26
- • Electric devices {([A01G 9/249](#) takes precedence)}
- WARNING**
Group A01G 9/26 is impacted by reclassification into groups A01G 9/249 and A01G 7/045.—
Groups A01G 9/26, A01G 9/249 and A01G 7/045 should be considered in order to perform a complete search.
- M A01G 9/28
- Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles
- WARNING**
Group A01G 9/28 is incomplete pending reclassification of documents from group A01G 9/00.—
Groups A01G 9/00 and A01G 9/28 should be considered in order to perform a complete search.
- M A01G 18/00**
- Cultivation of mushrooms**
- WARNING**
Group A01G 18/00 is incomplete pending reclassification of documents from group A01G 9/00.—
Group A01G 18/00 is also impacted by reclassification into groups A01G 9/00, A01G 18/10, A01G 18/20, A01G 18/22, A01G 18/30, A01G 18/40, A01G 18/50, A01G 18/55, A01G 18/60, A01G 18/61, A01G 18/62, A01G 18/64, A01G 18/65, A01G 18/66, A01G 18/68, A01G 18/69, A01G 18/70, and A01G 18/80.—
All groups listed in this Warning should be considered in order to perform a complete search.
- M A01G 18/10
- Mycorrhiza; Mycorrhizal associations
- WARNING**
Group A01G 18/10 is incomplete pending reclassification of documents from group A01G 18/00.—
Groups A01G 18/00 and A01G 18/10 should be considered in order to perform a complete search.

- M A01G 18/20
- Culture media, e.g. compost
- WARNING
 Group A01G 18/20 is incomplete pending reclassification of documents from group A01G 18/00.
 Group A01G 18/20 is also impacted by reclassification into groups A01G 18/22, A01G 18/30, A01G 18/40, A01G 18/50, and A01G 18/55.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M A01G 18/22
- Apparatus for the preparation of culture media, e.g. bottling devices
- WARNING
 Group A01G 18/22 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
 Groups A01G 18/00, A01G 18/20, and A01G 18/22 should be considered in order to perform a complete search.
- M A01G 18/30
- Accessories for use before inoculation of spawn, e.g. sterilisers
- WARNING
 Group A01G 18/30 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
 Groups A01G 18/00, A01G 18/20, and A01G 18/30 should be considered in order to perform a complete search.
- M A01G 18/40
- Cultivation of spawn
- WARNING
 Group A01G 18/40 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
 Groups A01G 18/00, A01G 18/20, and A01G 18/40 should be considered in order to perform a complete search.
- M A01G 18/50
- Inoculation of spawn
- WARNING
 Group A01G 18/50 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
 Groups A01G 18/00, A01G 18/20, and A01G 18/50 should be considered in order to perform a complete search.
- M A01G 18/55
- Forming inoculation holes
- WARNING
 Group A01G 18/55 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
 Groups A01G 18/00, A01G 18/20, and A01G 18/55 should be considered in order to perform a complete search.
- M A01G 18/60
- Cultivation rooms; Equipment therefor
- WARNING
 Group A01G 18/60 is incomplete pending reclassification of documents from groups A01G 9/00 and A01G 18/00.
 Group A01G 18/60 is also impacted by reclassification into groups A01G 18/61, A01G 18/62, and A01G 18/69.
 All groups listed in this Warning should be considered in order to perform a complete search.

- M A01G 18/61
- Growth guides for fruiting bodies, e.g. paper rolls
- WARNING
Group A01G 18/61 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/60.
Groups A01G 18/00, A01G 18/60, and A01G 18/61 should be considered in order to perform a complete search.
- M A01G 18/62
- Racks; Trays
- WARNING
Group A01G 18/62 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/60.
Groups A01G 18/00, A01G 18/60, and A01G 18/62 should be considered in order to perform a complete search.
- M A01G 18/64
- Cultivation containers; Lids therefor
- WARNING
Group A01G 18/64 is incomplete pending reclassification of documents from group A01G 18/00.
Group A01G 18/64 is also impacted by reclassification into groups A01G 18/65, A01G 18/66, and A01G 18/68.
All groups listed in this Warning should be considered in order to perform a complete search.
- M A01G 18/65
- characterised by the lids, e.g. lids with filters
- WARNING
Group A01G 18/65 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/64.
Groups A01G 18/00, A01G 18/64, and A01G 18/65 should be considered in order to perform a complete search.
- M A01G 18/66
- Cultivation bags
- WARNING
Group A01G 18/66 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/64.
Groups A01G 18/00, A01G 18/64, and A01G 18/66 should be considered in order to perform a complete search.
- M A01G 18/68
- Cultivation bottles
- WARNING
Group A01G 18/68 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/64.
Groups A01G 18/00, A01G 18/64, and A01G 18/68 should be considered in order to perform a complete search.
- M A01G 18/69
- Arrangements for managing the environment, e.g. sprinklers
- WARNING
Group A01G 18/69 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/60.
Group A01G 18/69 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/60.
- M A01G 18/70
- Harvesting
- WARNING
Group A01G 18/70 is incomplete pending reclassification of documents from group A01G 18/00.

~~Groups A01G 18/00 and A01G 18/70 should be considered in order to perform a complete search.~~

- M A01G 18/80
- Accessories for use after harvesting, e.g. scrapers

WARNING

~~Group A01G 18/80 is incomplete pending reclassification of documents from group A01G 18/00.—~~

~~Groups A01G 18/00 and A01G 18/80 should be considered in order to perform a complete search.~~

- M A01G 20/00
- Cultivation of turf, lawn or the like; Apparatus or methods therefor (hand-held edge trimmers or shears for lawn [A01G 3/06](#); edging for lawn [A01G 9/28](#); lawn-mowers [A01D 34/00](#))**

WARNING

~~Group A01G 20/00 is incomplete pending reclassification of documents from group A01G 2/00.— Group A01G 20/00 is also impacted by reclassification into groups A01G 20/12, A01G 20/15, A01G 20/18, A01G 20/35, A01G 20/40, and A01G 20/47.—~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M A01G 20/10
- Pre-cultivated sod or turf; Apparatus therefor

WARNING

~~Group A01G 20/10 is impacted by reclassification into group A01G 20/18.—~~

~~Groups A01G 20/10 and A01G 20/18 should be considered in order to perform a complete search.~~

- M A01G 20/12
- Apparatus for cutting sods or turfs

WARNING

~~Group A01G 20/12 is incomplete pending reclassification of documents from group A01G 20/00.—~~

~~Groups A01G 20/00 and A01G 20/12 should be considered in order to perform a complete search.~~

- M A01G 20/15
- specially adapted for stacking sods or sod rolls

WARNING

~~Group A01G 20/15 is incomplete pending reclassification of documents from group A01G 20/00.—~~

~~Groups A01G 20/00 and A01G 20/15 should be considered in order to perform a complete search.~~

- M A01G 20/18
- Apparatus for laying sods or turfs

WARNING

~~Group A01G 20/18 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/10.—~~

~~Groups A01G 20/00, A01G 20/10, and A01G 20/18 should be considered in order to perform a complete search.~~

- M A01G 20/30
- Apparatus for treating the lawn or grass surface (machines for aerating lawns [A01B 45/02](#))

WARNING

~~Group A01G 20/30 is impacted by reclassification into groups A01G 20/35 and A01G 20/40.—~~

Groups A01G 20/30, A01G 20/35, and A01G 20/40 should be considered in order to perform a complete search.

M A01G 20/35

- Garden rollers

WARNING

Group A01G 20/35 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/30.—
Groups A01G 20/00, A01G 20/30, and A01G 20/35 should be considered in order to perform a complete search.

M A01G 20/40

- Apparatus for cleaning the lawn or grass surface

WARNING

Group A01G 20/40 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/30.—
Groups A01G 20/00, A01G 20/30, and A01G 20/40 should be considered in order to perform a complete search.

M A01G 20/43

- for sweeping, collecting or disintegrating lawn debris

WARNING

Group A01G 20/43 is impacted by reclassification into group A01G 20/47.—
Groups A01G 20/43 and A01G 20/47 should be considered in order to perform a complete search.

M A01G 20/47

- Vacuum or blower devices

WARNING

Group A01G 20/47 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/43.—
Groups A01G 20/00, A01G 20/43, and A01G 20/47 should be considered in order to perform a complete search.

M A01G 22/00

Cultivation of specific crops or plants not otherwise provided for

WARNING

Groups A01G 22/00 – A01G 22/67 are incomplete pending reclassification of documents from A01G 2/00.— Group A01G 22/00 is also impacted by reclassification into groups A01G 22/05, A01G 22/15, A01G 22/20, A01G 22/25, A01G 22/30, A01G 22/35, A01G 22/40, A01G 22/45, A01G 22/50, A01G 22/55, A01G 22/60, A01G 22/63, and A01G 22/67.—
All groups listed in this Warning should be considered in order to perform a complete search.

M A01G 22/05

- Fruit crops, e.g. strawberries, tomatoes or cucumbers

WARNING

Group A01G 22/05 is incomplete pending reclassification of documents from group A01G 22/00.—
Groups A01G 22/00 and A01G 22/05 should be considered in order to perform a complete search.

M A01G 22/15

- Leaf crops, e.g. lettuce or spinach

WARNING

Group A01G 22/15 is incomplete pending reclassification of documents from group A01G 22/00.—
Groups A01G 22/00 and A01G 22/15 should be considered in order to perform a complete search.

M	A01G 22/20	<ul style="list-style-type: none">• Cereals <p><u>WARNING</u> Group A01G 22/20 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/20 should be considered in order to perform a complete search.</p>
M	A01G 22/25	<ul style="list-style-type: none">• Root crops, e.g. potatoes, yams, beet or wasabi <p><u>WARNING</u> Group A01G 22/25 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/25 should be considered in order to perform a complete search.</p>
M	A01G 22/30	<ul style="list-style-type: none">• Moss <p><u>WARNING</u> Group A01G 22/30 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/30 should be considered in order to perform a complete search.</p>
M	A01G 22/35	<ul style="list-style-type: none">• Bulbs; Alliums, e.g. onions or leeks <p><u>WARNING</u> Group A01G 22/35 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/35 should be considered in order to perform a complete search.</p>
M	A01G 22/40	<ul style="list-style-type: none">• Fabaceae, e.g. beans or peas <p><u>WARNING</u> Group A01G 22/40 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/40 should be considered in order to perform a complete search.</p>
M	A01G 22/45	<ul style="list-style-type: none">• Tobacco <p><u>WARNING</u> Group A01G 22/45 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/45 should be considered in order to perform a complete search.</p>
M	A01G 22/50	<ul style="list-style-type: none">• Cotton <p><u>WARNING</u> Group A01G 22/50 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/50 should be considered in order to perform a complete search.</p>
M	A01G 22/55	<ul style="list-style-type: none">• Sugar cane <p><u>WARNING</u> Group A01G 22/55 is incomplete pending reclassification of documents from group A01G 22/00.— Groups A01G 22/00 and A01G 22/55 should be considered in order to perform a complete search.</p>

- M A01G 22/60
- Flowers; Ornamental plants
- WARNING
Group A01G 22/60 is incomplete pending reclassification of documents from group A01G 22/00.—
Groups A01G 22/00 and A01G 22/60 should be considered in order to perform a complete search.
- M A01G 22/63
- • Orchids
- WARNING
Group A01G 22/63 is incomplete pending reclassification of documents from group A01G 22/00.—
Groups A01G 22/00 and A01G 22/63 should be considered in order to perform a complete search.
- M A01G 22/67
- • Dwarf trees, e.g. bonsai
- WARNING
Group A01G 22/67 is incomplete pending reclassification of documents from group A01G 22/00.—
Groups A01G 22/00 and A01G 22/67 should be considered in order to perform a complete search.
- M A01G 24/00
- Growth substrates; Culture media; Apparatus or methods therefor (for mushrooms [A01G 18/20](#))**
- WARNING
Group A01G 24/00 is impacted by reclassification into groups A01G 24/10, A01G 24/12, A01G 24/13, A01G 24/15, A01G 24/17, A01G 24/18, A01G 24/20, A01G 24/22, A01G 24/23, A01G 24/25, A01G 24/27, A01G 24/28, A01G 24/30, A01G 24/35, A01G 24/40, A01G 24/42, A01G 24/44, A01G 24/46, A01G 24/48, A01G 24/50, and A01G 24/60.—
All groups listed in this Warning should be considered in order to perform a complete search.
- M A01G 24/10
- based on or containing inorganic material
- WARNING
Group A01G 24/10 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/10 should be considered in order to perform a complete search.
- M A01G 24/12
- • containing soil minerals
- WARNING
Group A01G 24/12 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/12 should be considered in order to perform a complete search.
- M A01G 24/13
- • • Zeolites
- WARNING
Group A01G 24/13 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/13 should be considered in order to perform a complete search.

- M A01G 24/15
- • • Calcined rock, e.g. perlite, vermiculite or clay aggregates
- WARNING
Group A01G 24/15 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/15 should be considered in order to perform a complete search.
- M A01G 24/17
- • containing slag
- WARNING
Group A01G 24/17 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/17 should be considered in order to perform a complete search.
- M A01G 24/18
- • containing inorganic fibres, e.g. mineral wool
- WARNING
Group A01G 24/18 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/18 should be considered in order to perform a complete search.
- M A01G 24/20
- based on or containing natural organic material
- WARNING
Group A01G 24/20 is incomplete pending reclassification of documents from groups A01G 24/00 and A01G 24/28.—
Groups A01G 24/00, A01G 24/28, and A01G 24/20 should be considered in order to perform a complete search.
- M A01G 24/22
- • containing plant material
- WARNING
Group A01G 24/22 is incomplete pending reclassification of documents from groups A01G 24/00 and A01G 24/28.—
Groups A01G 24/00, A01G 24/28, and A01G 24/22 should be considered in order to perform a complete search.
- M A01G 24/23
- • • Wood, e.g. wood chips or sawdust
- WARNING
Group A01G 24/23 is incomplete pending reclassification of documents from groups A01G 24/00 and A01G 24/28.—
Groups A01G 24/00, A01G 24/28, and A01G 24/23 should be considered in order to perform a complete search.
- M A01G 24/25
- • • Dry fruit hulls or husks, e.g. chaff or coir
- WARNING
Group A01G 24/25 is incomplete pending reclassification of documents from groups A01G 24/00 and A01G 24/28.—
Groups A01G 24/00, A01G 24/28, and A01G 24/25 should be considered in order to perform a complete search.
- M A01G 24/27
- • • Pulp, e.g. bagasse
- WARNING
Group A01G 24/27 is incomplete pending reclassification of documents from groups A01G 24/00 and A01G 24/28.—

Groups A01G 24/00, A01G 24/28, and A01G 24/27 should be considered in order to perform a complete search.

M A01G 24/28

- containing peat, moss or sphagnum

WARNING

Group A01G 24/28 is incomplete pending reclassification of documents from groups A01G 24/00 and C05F 11/04.

Group A01G 24/28 is also impacted by reclassification into groups A01G 24/20, A01G 24/22, A01G 24/23, A01G 24/25, and A01G 24/27. All groups listed in this Warning should be considered in order to perform a complete search.

M A01G 24/30

- based on or containing synthetic organic compounds

WARNING

Group A01G 24/30 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/30 should be considered in order to perform a complete search.

M A01G 24/35

- containing water-absorbing polymers

WARNING

Group A01G 24/35 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/35 should be considered in order to perform a complete search.

M A01G 24/40

- characterised by their structure

WARNING

Group A01G 24/40 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/40 should be considered in order to perform a complete search.

M A01G 24/42

- of granular or aggregated structure

WARNING

Group A01G 24/42 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/42 should be considered in order to perform a complete search.

M A01G 24/44

- in block, mat or sheet form

WARNING

Group A01G 24/44 is incomplete pending reclassification of documents from groups A01G 9/029 and A01G 24/00.

Groups A01G 9/029, A01G 24/00, and A01G 24/44 should be considered in order to perform a complete search.

M A01G 24/46

- multi-layered

WARNING

Group A01G 24/46 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/46 should be considered in order to perform a complete search.

- M A01G 24/48
- containing foam or presenting a foam structure
- WARNING**
Group A01G 24/48 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/48 should be considered in order to perform a complete search.
- M A01G 24/50
- contained within a flexible envelope
- WARNING**
Group A01G 24/50 is incomplete pending reclassification of documents from group A01G 24/00.—
Groups A01G 24/00 and A01G 24/50 should be considered in order to perform a complete search.
- M A01G 24/60
- Apparatus for preparing growth substrates or culture media (for mushrooms [A01G 18/22](#))
- WARNING**
Group A01G 24/60 is incomplete pending reclassification of documents from groups A01G 9/029 and A01G 24/00.—
Groups A01G 9/029, A01G 24/00, and A01G 24/60 should be considered in order to perform a complete search.

Project: RP0485-F (C05F)

- U C05F 11/00 **Other organic fertilisers**
- U C05F 11/02
- from peat, brown coal, and similar vegetable deposits
- C05F 11/04
- Horticultural earth from peat (growth substrates containing peat [A01G 24/28](#))
- WARNING**
Group C05F 11/04 is impacted by reclassification into group A01G 24/28.—
Groups C05F 11/04 and A01G 24/28 should be considered in order to perform a complete search.

Project: RP0504-F (G06F)

- U G06F 8/00 **Arrangements for software engineering (testing or debugging [G06F 11/36](#); administrative, planning or organisation aspects of software project management [G06Q 10/06](#))**
- U G06F 8/60
- Software deployment
- M G06F 8/65
- Updates (security arrangements therefor [G06F 21/57](#))
- WARNING**
Group G06F 8/65 is impacted by reclassification into groups G06F 21/57–G06F 21/577.—
All groups listed in this Warning should be considered in order to perform a complete search.
- U G06F 8/70
- Software maintenance or management
- M G06F 8/71
- Version control (security arrangements therefor [G06F 21/57](#)); Configuration management
- WARNING**
Group G06F 8/71 is impacted by reclassification into groups G06F 21/57–G06F 21/577.—
All groups listed in this Warning should be considered in order to perform a complete search.

U	G06F 9/00	Arrangements for program control, e.g. control units (program control for peripheral devices G06F 13/10)
U	G06F 9/06	<ul style="list-style-type: none"> • using stored programs, i.e. using an internal store of processing equipment to receive or retain programs
U	G06F 9/44	<ul style="list-style-type: none"> • • Arrangements for executing specific programs
M	G06F 9/445	<ul style="list-style-type: none"> • • • Program loading or initiating (bootstrapping G06F 9/4401; security arrangements for program loading or initiating G06F 21/57) <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group G06F-9/445 is impacted by reclassification into groups G06F-21/57–G06F-21/577. All groups listed in this Warning should be considered in order to perform a complete search.</p>
U	G06F 21/00	Security arrangements for protecting computers, components thereof, programs or data against unauthorised activity
U	G06F 21/50	<ul style="list-style-type: none"> • Monitoring users, programs or devices to maintain the integrity of platforms, e.g. of processors, firmware or operating systems
M	G06F 21/57	<ul style="list-style-type: none"> • • Certifying or maintaining trusted computer platforms, e.g. secure boots or power-downs, version controls, system software checks, secure updates or assessing vulnerabilities <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group G06F-21/57–G06F-21/577 is incomplete pending reclassification of documents from groups G06F-8/65, G06F-8/71, and G06F-9/445. All groups listed in this Warning should be considered in order to perform a complete search.</p>

Project: RP0519-F (B65G)

M	B65G 11/00	Chutes (used as storage devices B65G 1/02)
		<p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65G-11/00 is incomplete pending reclassification of documents from groups B65G-2812/08, B65G-2812/081, B65G-2812/085, B65G-2812/087, and B65G-2812/088. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B65G 11/02	<ul style="list-style-type: none"> • of straight form <p style="color: red; margin-top: 10px;"><u>WARNING</u> Groups B65G-11/02, B65G-11/023 and B65G-11/026 are incomplete pending reclassification of documents from groups B65G-2812/08, B65G-2812/085, B65G-2812/087, and B65G-2812/088. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B65G 11/04	<ul style="list-style-type: none"> • for mail in buildings <p style="color: red; margin-top: 10px;"><u>WARNING</u> Group B65G-11/04 is incomplete pending reclassification of documents from groups B65G-2812/08, B65G-2812/085, B65G-2812/087, and B65G-2812/088. All groups listed in this Warning should be considered in order to perform a complete search.</p>

- M B65G 11/06
- of helical or spiral form
- WARNING
Groups B65G 11/06, B65G 11/063 and B65G 11/066 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/086, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/08
- with discontinuous guiding surfaces, e.g. arranged in zigzag or cascade formation
- WARNING
Groups B65G 11/08 – B65G 11/088 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/086, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/10
- flexible
- WARNING
Groups B65G 11/10, B65G 11/103 and B65G 11/106 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/12
- pivotable
- WARNING
Groups B65G 11/12, B65G 11/123 and B65G 11/126 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/083, B65G 2812/085, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/14
- extensible, e.g. telescopic
- WARNING
Groups B65G 11/14, B65G 11/143 and B65G 11/146 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/082, B65G 2812/085, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/16
- Interior surfaces; Linings
- WARNING
Groups B65G 11/16, B65G 11/163 and B65G 11/166 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B65G 11/18
- Supports or mountings
- WARNING
Groups B65G 11/18, B65G 11/183 and B65G 11/186 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/081, B65G 2812/085, B65G 2812/087, and B65G 2812/088.

All groups listed in this Warning should be considered in order to perform a complete search.

- M B65G 11/20 • Auxiliary devices, e.g. for deflecting, controlling speed of, or agitating articles or solids

WARNING

Groups B65G 11/20, B65G 11/203 and B65G 11/206 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088.
All groups listed in this Warning should be considered in order to perform a complete search.

U B65G 2812/00

Indexing codes relating to the kind or type of conveyors

- D B65G 2812/08
—(Frozen)

- Chutes

WARNING

Group B65G 2812/08 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into B65G 11/00–B65G 11/206.

All groups listed in this Warning should be considered in order to perform a complete search.

- D B65G 2812/081
—(Frozen)

- • Connecting means

WARNING

Group B65G 2812/081 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/00, B65G 11/18, B65G 11/183, and B65G 11/186.

All groups listed in this Warning should be considered in order to perform a complete search.

- D B65G 2812/082
—(Frozen)

- • • telescopic

WARNING

Group B65G 2812/082 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/14, B65G 11/143, and B65G 11/146.

All groups listed in this Warning should be considered in order to perform a complete search.

- D B65G 2812/083
—(Frozen)

- • • pivoting

WARNING

Group B65G 2812/083 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/12, B65G 11/123, and B65G 11/126.

All groups listed in this Warning should be considered in order to perform a complete search.

- D B65G 2812/085
—(Frozen)

- • characterised by the configuration

WARNING

Group B65G 2812/085 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/00–B65G 11/206.

B65G 2812/085

(Frozen)

(continued)

All groups listed in this Warning should be considered in order to perform a complete search.

D B65G 2812/086
—*(Frozen)*

- • • Screw-like chutes

WARNING

Group B65G 2812/086 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/06 - B65G 11/088.

All groups listed in this Warning should be considered in order to perform a complete search.

D B65G 2812/087
—*(Frozen)*

- • • provided with material moving or braking means

WARNING

Group B65G 2812/087 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206.

All groups listed in this Warning should be considered in order to perform a complete search.

D B65G 2812/088
—*(Frozen)*

- • characterised by the material

WARNING

Group B65G 2812/088 is no longer used for the classification of documents as of May 1, 2020.

The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206.

All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0533-F (G10K)

U G10K 11/00

Methods or devices for transmitting, conducting or directing sound in general; Methods or devices for protecting against, or for damping, noise or other acoustic waves in general

U G10K 11/16

- Methods or devices for protecting against, or for damping, noise or other acoustic waves in general ([G10K 11/36](#) takes precedence)

NOTE

This group does not cover protecting against, or damping of, acoustic waves adapted for particular applications, which are covered by the subclasses for these applications, provided that there is a specific provision for this aspect.

M G10K 11/175

- • using interference effects; Masking sound

NOTES

1. Sound/noise masking, classified in [G10K 11/1752](#) - [G10K 11/1754](#),
2. Acoustic noise cancellation, classified in [G10K 11/178](#)

WARNING

Group G10K 11/175 is impacted by reclassification into groups G10K 11/1752 and G10K 11/1754.

Groups G10K 11/175, G10K 11/1752, and G10K 11/1754 should be considered in order to perform a complete search.

- M G10K 11/1752 . . . {Masking}
- WARNING**
Group G10K 11/1752 is incomplete pending reclassification of documents from group G10K 11/175. Groups G10K 11/175 and G10K 11/1752 should be considered in order to perform a complete search.
- M G10K 11/1754 . . . {Speech masking}
- WARNING**
Group G10K 11/1754 is incomplete pending reclassification of documents from group G10K 11/175. Groups G10K 11/175 and G10K 11/1754 should be considered in order to perform a complete search.

Project: RP0552 (B23C)

- U B23C 5/00 Milling-cutters (for cutting gear-teeth [B23F 21/12](#))
- U B23C 5/02 . characterised by the shape of the cutter
- U B23C 5/10 . . Shank-type cutters, i.e. with an integral shaft
- M B23C 5/1081 . . . {with permanently fixed cutting inserts ([B23C 5/1054](#)[B23C 5/1018](#) and [B23C 5/1081](#)[B23C 5/1063](#) take precedence)}
- U B23C 5/16 . characterised by physical features other than shape
- U B23C 5/20 . . with removable cutter bits or teeth {or cutting inserts}
- C B23C 5/202 . . . {**Special by shaped plate-like cutting inserts, i.e. length greater than or equal to width, width greater than or equal to thickness***Plate-like cutting inserts with special form (with removable plate-like turning cutting inserts of special form [B23B 27/141](#) special form related to securing of the insert [B23C 5/22](#))*}
- WARNING**
Group [B23C 5/202](#) is impacted by reclassification into group [B23C 5/205](#). Groups [B23C 5/202](#) and [B23C 5/205](#) should be considered in order to perform a complete search.
- T B23C 5/205 {**having chip-breakers***characterised by chip-breakers of special form*}
- WARNING**
Group [B23C 5/205](#) is incomplete pending reclassification of documents from group [B23C 5/202](#). Groups [B23C 5/202](#) and [B23C 5/205](#) should be considered in order to perform a complete search.
- D B23C 5/207 {having a special shape}
<administratively transferred to [B23C 5/202](#)>
- C B23C 5/22 . . . Securing arrangements for bits or teeth {or cutting inserts}
- WARNING**
Group [B23C 5/22](#) is impacted by reclassification into groups [B23C 5/2298](#), [B23C 5/2301](#), [B23C 5/2304](#), [B23C 5/2306](#) and [B23C 5/2309](#). All groups listed in this Warning should be considered in order to perform a complete search.

- C B23C 5/2204 {with cutting inserts clamped against the walls of the recess in the **shank** **cutter body** by a clamping member acting upon the wall of a hole in the insert}
- WARNING**
Group B23C 5/2204 is impacted by reclassification into group B23C 5/2298.
Groups B23C 5/2204 and B23C 5/2298 should be considered in order to perform a complete search.
- C B23C 5/2208 {for plate-like cutting inserts ([B23C 5/2226](#), [B23C 5/223](#), [B23C 5/2234](#) take precedence)}
- WARNING**
Group B23C 5/2208 is impacted by reclassification into group B23C 5/2301.
Groups B23C 5/2208 and B23C 5/2301 should be considered in order to perform a complete search.
- C B23C 5/2213 {**Special by shaped cutting inserts** having a special shape}
- WARNING**
Group B23C 5/2213 is impacted by reclassification into group B23C 5/2304.
Groups B23C 5/2213 and B23C 5/2304 should be considered in order to perform a complete search.
- D B23C 5/2217 {having chip-breakers}
<administratively transferred to [B23C 5/205](#)>
- D B23C 5/2221 {having a special shape}
<administratively transferred to [B23C 5/2213](#)>
- C B23C 5/2226 {for plate-like cutting inserts fitted on an intermediate carrier, e.g. **shank fixed in the cutter body**}
- WARNING**
Group B23C 5/2226 is impacted by reclassification into group B23C 5/2306.
Groups B23C 5/2226 and B23C 5/2306 should be considered in order to perform a complete search.
- D B23C 5/223 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
<administratively transferred to [B23C 5/2226](#)>
- C B23C 5/2234 {for plate-like cutting inserts fitted on a ring or ring segment}
- WARNING**
Group B23C 5/2234 is impacted by reclassification into group B23C 5/2309.
Groups B23C 5/2234 and B23C 5/2309 should be considered in order to perform a complete search.
- C B23C 5/2239 {with cutting inserts clamped by a clamping member acting almost perpendicular on the cutting face}
- WARNING**
Group B23C 5/2239 is impacted by reclassification into group B23C 5/2298.
Groups B23C 5/2239 and B23C 5/2298 should be considered in order to perform a complete search.

- C B23C 5/2243 {for plate-like cutting inserts ([B23C 5/2252](#), ~~[B23C 5/2256](#)~~, [B23C 5/226](#) take precedence)}
- WARNING**
Group [B23C 5/2243](#) is impacted by reclassification into group [B23C 5/2301](#).
Groups [B23C 5/2243](#) and [B23C 5/2301](#) should be considered in order to perform a complete search.
- C B23C 5/2247 {having a special shape}
- WARNING**
Group [B23C 5/2247](#) is impacted by reclassification into group [B23C 5/2304](#).
Groups [B23C 5/2247](#) and [B23C 5/2304](#) should be considered in order to perform a complete search.
- C B23C 5/2252 {for plate-like cutting inserts fitted on an intermediate carrier, e.g. *shank fixed in the cutter body*}
- WARNING**
Group [B23C 5/2252](#) is impacted by reclassification into group [B23C 5/2306](#).
Groups [B23C 5/2252](#) and [B23C 5/2306](#) should be considered in order to perform a complete search.
- D B23C 5/2256 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
<administratively transferred to [B23C 5/2252](#)>
- C B23C 5/226 {for plate-like cutting inserts fitted on a ring or ring segment}
- WARNING**
Group [B23C 5/226](#) is impacted by reclassification into group [B23C 5/2309](#).
Groups [B23C 5/226](#) and [B23C 5/2309](#) should be considered in order to perform a complete search.
- C B23C 5/2265 {by means of a wedge}
- WARNING**
Group [B23C 5/2265](#) is impacted by reclassification into group [B23C 5/2298](#).
Groups [B23C 5/2265](#) and [B23C 5/2298](#) should be considered in order to perform a complete search.
- C B23C 5/2269 {for plate-like cutting inserts ([B23C 5/2278](#), ~~[B23C 5/2286](#)~~, [B23C 5/2291](#) take precedence)}
- WARNING**
Group [B23C 5/2269](#) is impacted by reclassification into group [B23C 5/2301](#).
Groups [B23C 5/2269](#) and [B23C 5/2301](#) should be considered in order to perform a complete search.
- C B23C 5/2273 {having a special shape}
- WARNING**
Group [B23C 5/2273](#) is impacted by reclassification into group [B23C 5/2304](#).
Groups [B23C 5/2273](#) and [B23C 5/2304](#) should be considered in order to perform a complete search.

- C B23C 5/2278 {for plate-like cutting inserts fitted on an intermediate carrier, e.g. shank fixed in the cutter body}
- WARNING
Group [B23C 5/2278](#) is impacted by reclassification into group [B23C 5/2306](#).
Groups [B23C 5/2278](#) and [B23C 5/2306](#) should be considered in order to perform a complete search.
- D B23C 5/2282 {having a special shape}
- <administratively transferred to [B23C 5/2278](#)>
- D B23C 5/2286 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
- <administratively transferred to [B23C 5/2278](#)>
- C B23C 5/2291 {for plate-like cutting inserts fitted on a ring or ring segment}
- WARNING
Group [B23C 5/2291](#) is impacted by reclassification into group [B23C 5/2309](#).
Groups [B23C 5/2291](#) and [B23C 5/2309](#) should be considered in order to perform a complete search.
- C B23C 5/2295 {the cutting elements being clamped simultaneously}
- WARNING
Group [B23C 5/2295](#) is impacted by reclassification into group [B23C 5/2298](#).
Groups [B23C 5/2295](#) and [B23C 5/2298](#) should be considered in order to perform a complete search.
- N B23C 5/2298 {secured by resilient/flexible means}
- WARNING
Group [B23C 5/2298](#) is incomplete pending reclassification of documents from groups [B23C 5/22](#), [B23C 5/2204](#), [B23C 5/2239](#), [B23C 5/2265](#) and [B23C 5/2295](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N B23C 5/2301 {for plate-like cutting inserts ([B23C 5/2306](#), [B23C 5/2309](#) take precedence)}
- WARNING
Group [B23C 5/2301](#) is incomplete pending reclassification of documents from groups [B23C 5/22](#), [B23C 5/2208](#), [B23C 5/2243](#) and [B23C 5/2269](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N B23C 5/2304 {having a special shape}
- WARNING
Group [B23C 5/2304](#) is incomplete pending reclassification of documents from groups [B23C 5/22](#), [B23C 5/2213](#), [B23C 5/2247](#) and [B23C 5/2273](#).
All groups listed in this Warning should be considered in order to perform a complete search.

- N B23C 5/2306 {for plate-like cutting inserts fitted on an intermediate carrier, e.g. shank fixed in the cutter body}
- WARNING
Group [B23C 5/2306](#) is incomplete pending reclassification of documents from groups [B23C 5/22](#), [B23C 5/2226](#), [B23C 5/2252](#) and [B23C 5/2278](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N B23C 5/2309 {for plate-like cutting inserts fitted on a ring or ring segment}
- WARNING
Group [B23C 5/2309](#) is incomplete pending reclassification of documents from groups [B23C 5/22](#), [B23C 5/2234](#), [B23C 5/226](#) and [B23C 5/2291](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- C B23C 5/24 adjustable
- WARNING
Group [B23C 5/24](#) is impacted by reclassification into groups [B23C 5/2462](#), [B23C 5/2465](#), [B23C 5/2468](#), [B23C 5/2472](#), [B23C 5/2475](#), [B23C 5/2479](#), [B23C 5/2482](#), [B23C 5/2486](#), [B23C 5/2489](#), [B23C 5/2493](#) and [B23C 5/2496](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- D B23C 5/2403 {with cutting inserts clamped against the walls of the recess in the shank by a clamping member acting upon the wall of a hole in the insert}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2204](#)>
- D B23C 5/2406 {for plate-like cutting inserts (B23C 5/241, B23C 5/2413, B23C 5/2417 take precedence)}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2208](#)>
- D B23C 5/241 {for plate-like cutting inserts fitted on an intermediate carrier}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2226](#)>
- D B23C 5/2413 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2226](#)>
- D B23C 5/2417 {for plate-like cutting inserts fitted on a ring or ring segment}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2234](#)>
- D B23C 5/242 {with cutting inserts clamped by a clamping member acting almost perpendicularly on the cutting face}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2239](#)>
- D B23C 5/2424 {for plate-like cutting inserts (B23C 5/2427, B23C 5/2431, B23C 5/2434 take precedence)}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2243](#)>
- D B23C 5/2427 {for plate-like cutting inserts fitted on an intermediate carrier}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2252](#)>
- D B23C 5/2431 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
- <administratively transferred to [B23C 5/24](#) and [B23C 5/2252](#)>

- D B23C 5/2434 {for plate-like cutting inserts fitted on a ring or ring segment}
<administratively transferred to [B23C 5/24](#) and [B23C 5/226](#)>
- D B23C 5/2437 {clamping by means of a wedge}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2265](#)>
- D B23C 5/2441 {for plate-like cutting inserts (B23C 5/2444, B23C 5/2448, B23C 5/2451 take precedence)}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2269](#)>
- D B23C 5/2444 {for plate-like cutting inserts fitted on an intermediate carrier}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2278](#)>
- D B23C 5/2448 {for plate-like cutting inserts fitted on a shank, fixed in the cutter body}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2278](#)>
- D B23C 5/2451 {for plate-like cutting inserts fitted on a ring or ring segment}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2291](#)>
- D B23C 5/2455 {The adjusting means being serrated teeth on the cutter and the cutting insert}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2265](#)>
- D B23C 5/2458 {the cutting elements being clamped or adjusted simultaneously}
<administratively transferred to [B23C 5/24](#) and [B23C 5/2295](#)>
- M B23C 5/2462 {the adjusting means being oblique surfaces}
WARNING
Group [B23C 5/2462](#) is incomplete pending reclassification of documents from group [B23C 5/24](#). Groups [B23C 5/24](#) and [B23C 5/2462](#) should be considered in order to perform a complete search.
- M B23C 5/2465 {the adjusting means being notches}
WARNING
Group [B23C 5/2465](#) is incomplete pending reclassification of documents from group [B23C 5/24](#). Groups [B23C 5/24](#) and [B23C 5/2465](#) should be considered in order to perform a complete search.
- M B23C 5/2468 {the adjusting means being serrations}
WARNING
Group [B23C 5/2468](#) is incomplete pending reclassification of documents from group [B23C 5/24](#). Groups [B23C 5/24](#) and [B23C 5/2468](#) should be considered in order to perform a complete search.
- M B23C 5/2472 {the adjusting means being screws}
WARNING
Group [B23C 5/2472](#) is incomplete pending reclassification of documents from group [B23C 5/24](#). Groups [B23C 5/24](#) and [B23C 5/2472](#) should be considered in order to perform a complete search.
- M B23C 5/2475 {the adjusting means being distance elements, e.g. shims or washers}
WARNING
Group [B23C 5/2475](#) is incomplete pending reclassification of documents from group [B23C 5/24](#).

Groups B23C 5/24 and B23C 5/2475 should be considered in order to perform a complete search.

M B23C 5/2479 {the adjusting means being eccentrics}

WARNING

*Group B23C 5/2479 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2479 should be considered in order to perform a complete search.*

M B23C 5/2482 {the adjusting means being hydraulic cylinders}

WARNING

*Group B23C 5/2482 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2482 should be considered in order to perform a complete search.*

T B23C 5/2486 {where the adjustment is made by **balancing**elastically deforming the toolholders}

WARNING

*Group B23C 5/2486 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2486 should be considered in order to perform a complete search.*

M B23C 5/2489 {where the adjustment is made by changing the inclination of the inserts}

WARNING

*Group B23C 5/2489 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2489 should be considered in order to perform a complete search.*

M B23C 5/2493 {where the adjustment is made by deforming the seating surfaces}

WARNING

*Group B23C 5/2493 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2493 should be considered in order to perform a complete search.*

M B23C 5/2496 {where the adjusting means are gears and racks}

WARNING

*Group B23C 5/2496 is incomplete pending reclassification of documents from group B23C 5/24.
Groups B23C 5/24 and B23C 5/2496 should be considered in order to perform a complete search.*

C B23C 5/28 . Features relating to lubricating or cooling

WARNING

*Group B23C 5/28 is impacted by reclassification into groups B23C 5/281, B23C 5/282, B23C 5/283, B23C 5/285, B23C 5/286 and B23C 5/287.
All groups listed in this Warning should be considered in order to perform a complete search.*

- N B23C 5/281
- • {Coolant moving along the outside tool periphery towards the cutting edges}
- WARNING
Group [B23C 5/281](#) is incomplete pending reclassification of documents from group [B23C 5/28](#).
Groups [B23C 5/28](#) and [B23C 5/281](#) should be considered in order to perform a complete search.
- N B23C 5/282
- • {Coolant channel characterised by its cross-sectional shape}
- WARNING
Group [B23C 5/282](#) is incomplete pending reclassification of documents from group [B23C 5/28](#).
Groups [B23C 5/28](#) and [B23C 5/282](#) should be considered in order to perform a complete search.
- N B23C 5/283
- • {Cutting inserts with internal coolant channels}
- WARNING
Group [B23C 5/283](#) is incomplete pending reclassification of documents from group [B23C 5/28](#).
Groups [B23C 5/28](#) and [B23C 5/283](#) should be considered in order to perform a complete search.
- N B23C 5/285
- • {Nozzles}
- WARNING
Group [B23C 5/285](#) is incomplete pending reclassification of documents from group [B23C 5/28](#).
Groups [B23C 5/28](#) and [B23C 5/285](#) should be considered in order to perform a complete search.
- N B23C 5/286
- • {Deflectors}
- WARNING
Groups [B23C 5/286](#) and [B23C 5/287](#) are incomplete pending reclassification of documents from group [B23C 5/28](#).
Groups [B23C 5/28](#), [B23C 5/286](#) and [B23C 5/287](#) should be considered in order to perform a complete search.
- N B23C 5/287
- • • {intersecting the rotational axis}
- U B23C 2200/00** **Details of milling cutting inserts**
- U B23C 2200/08
- Rake or top surfaces
- U B23C 2200/086
- • with one or more grooves
- D B23C 2200/087
- • • for chip-breaking (with chip-breaking grooves in general B23C 2200/326)
<administratively transferred to [B23C 2200/326](#) ADD>
- C B23C 2200/28
- Angles
- WARNING
Group [B23C 2200/28](#) is impacted by reclassification into groups [B23C 2200/291](#) and [B23C 2200/293](#).
Groups [B23C 2200/28](#), [B23C 2200/291](#) and [B23C 2200/293](#) should be considered in order to perform a complete search.
- N B23C 2200/281
- • Negative rake angles
- WARNING
Group [B23C 2200/281](#) is incomplete pending reclassification of documents from group [B23C 2200/283](#).

Groups [B23C 2200/283](#) and [B23C 2200/281](#) should be considered in order to perform a complete search.

F B23C 2200/283
(Frozen)

- Negative cutting angles

WARNING

Group [B23C 2200/283](#) is no longer used for the classification of documents as of February 1, 2022.

The content of this group is being reclassified into groups [B23C 2200/281](#) and [B23C 2200/284](#).

Groups [B23C 2200/283](#), [B23C 2200/281](#) and [B23C 2200/284](#) should be considered in order to perform a complete search.

N B23C 2200/284

- Negative clearance angles

WARNING

Group [B23C 2200/284](#) is incomplete pending reclassification of documents from group [B23C 2200/283](#).

Groups [B23C 2200/283](#) and [B23C 2200/284](#) should be considered in order to perform a complete search.

F B23C 2200/286
(Frozen)

- Positive cutting angles

WARNING

Group [B23C 2200/286](#) is no longer used for the classification of documents as of February 1, 2022.

The content of this group is being reclassified into groups [B23C 2200/287](#) and [B23C 2200/289](#).

Groups [B23C 2200/286](#), [B23C 2200/287](#) and [B23C 2200/289](#) should be considered in order to perform a complete search.

N B23C 2200/287

- Positive rake angles

WARNING

Group [B23C 2200/287](#) is incomplete pending reclassification of documents from group [B23C 2200/286](#).

Groups [B23C 2200/286](#) and [B23C 2200/287](#) should be considered in order to perform a complete search.

N B23C 2200/289

- Positive clearance angles

WARNING

Group [B23C 2200/289](#) is incomplete pending reclassification of documents from group [B23C 2200/286](#).

Groups [B23C 2200/286](#) and [B23C 2200/289](#) should be considered in order to perform a complete search.

N B23C 2200/291

- Variable rake angles

WARNING

Group [B23C 2200/291](#) is incomplete pending reclassification of documents from group [B23C 2200/28](#).

Groups [B23C 2200/28](#) and [B23C 2200/291](#) should be considered in order to perform a complete search.

N B23C 2200/293

- Variable clearance angles

WARNING

Group [B23C 2200/293](#) is incomplete pending reclassification of documents from group [B23C 2200/28](#).

Groups [B23C 2200/28](#) and [B23C 2200/293](#) should be considered in order to perform a complete search.

- U B23C 2200/32 · Chip breaking or chip evacuation
- T B23C 2200/326 · · by chip-breaking grooves (~~with grooves on top surface for chip-breaking B23C 2200/087~~)
- C B23C 2200/36 · Other features of the milling insert not covered by [B23C 2200/04](#) - [B23C 2200/32](#)
- WARNING**
Group [B23C 2200/36](#) is impacted by reclassification into groups [B23C 2200/364](#), [B23C 2200/369](#) and [B23C 2200/3691](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- M B23C 2200/363 · · Lines ~~to permit indexing of round insert for indexing round inserts~~ (~~bottom surface with features relating to indexing B23C 2200/168~~)
- N B23C 2200/364 · · Porous inserts, e.g. lattice-shaped constructions
- WARNING**
Group [B23C 2200/364](#) is incomplete pending reclassification of documents from group [B23C 2200/36](#).
Groups [B23C 2200/36](#) and [B23C 2200/364](#) should be considered in order to perform a complete search.
- U B23C 2200/368 · · Roughened surfaces
- N B23C 2200/369 · · Double-sided inserts
- WARNING**
Groups [B23C 2200/369](#) and [B23C 2200/3691](#) are incomplete pending reclassification of documents from group [B23C 2200/36](#).
Groups [B23C 2200/36](#), [B23C 2200/369](#) and [B23C 2200/3691](#) should be considered in order to perform a complete search.
- N B23C 2200/3691 · · · Split inserts
- U B23C 2210/00** **Details of milling cutters**
- C B23C 2210/50 · Cutting inserts
- WARNING**
Group [B23C 2210/50](#) is impacted by reclassification into groups [B23C 2210/501](#), [B23C 2210/502](#) and [B23C 2210/504](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N B23C 2210/501 · · with cutting edges following one or more helices
- WARNING**
Group [B23C 2210/501](#) is incomplete pending reclassification of documents from group [B23C 2210/50](#).
Groups [B23C 2210/50](#) and [B23C 2210/501](#) should be considered in order to perform a complete search.
- N B23C 2210/502 · · with cutting edges following straight flutes or rows of more than one insert
- WARNING**
Group [B23C 2210/502](#) is incomplete pending reclassification of documents from group [B23C 2210/50](#).
Groups [B23C 2210/50](#) and [B23C 2210/502](#) should be considered in order to perform a complete search.
- U B23C 2210/503 · · mounted internally on the cutter

- N B23C 2210/504
- arranged in a manner that only extends longitudinally by one insert
- WARNING
Group [B23C 2210/504](#) is incomplete pending reclassification of documents from group [B23C 2210/50](#).
Groups [B23C 2210/50](#) and [B23C 2210/504](#) should be considered in order to perform a complete search.
- C B23C 2210/64
- End milling cutters having a groove in the end cutting face, the groove not being present so as to provide a cutting edge
- WARNING
Group [B23C 2210/64](#) is impacted by reclassification into group [B23C 2210/641](#).
Groups [B23C 2210/64](#) and [B23C 2210/641](#) should be considered in order to perform a complete search.
- N B23C 2210/641
- at least one groove or gash being different than another
- WARNING
Group [B23C 2210/641](#) is incomplete pending reclassification of documents from group [B23C 2210/64](#).
Groups [B23C 2210/64](#) and [B23C 2210/641](#) should be considered in order to perform a complete search.

Project: RP0565-F (B60K)

- U B60K 1/00
- Arrangement or mounting of electrical propulsion units ([B60K 7/00](#) takes precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion [B60K 6/00](#); electric transmission arrangements [B60K 17/12](#); electric equipment or propulsion of electrically-propelled vehicles per se [B60L](#); current-collectors for power supply lines of electrically-propelled vehicles [B60L 5/00](#))
- M B60K 1/04
- of the electric storage means for propulsion (exchanging batteries for electric propulsion of vehicles [B60L 53/80](#); for auxiliary purposes only [B60R 16/04](#); supplying batteries to, or removing batteries from, vehicles [B60S 5/06](#))
- WARNING
Group [B60K 1/04](#) is impacted by reclassification into group [B60L 53/80](#).
Groups [B60K 1/04](#) and [B60L 53/80](#) should be considered in order to perform a complete search.

Project: RP0565-F (B60L)

- M B60L 3/00
- Electric devices on electrically-propelled vehicles for safety purposes; Monitoring operating variables, e.g. speed, deceleration or energy consumption (methods or circuit arrangements for monitoring or controlling batteries or fuel cells [B60L 58/00](#))
- WARNING
Group [B60L 3/00](#) is impacted by reclassification into groups [B60L 58/00](#), [B60L 58/10](#), [B60L 58/12](#), [B60L 58/13](#), [B60L 58/14](#), [B60L 58/15](#), [B60L 58/16](#), [B60L 58/18](#), [B60L 58/19](#), [B60L 58/20](#), [B60L 58/21](#), [B60L 58/22](#), [B60L 58/24](#), [B60L 58/25](#), [B60L 58/26](#), [B60L 58/27](#), [B60L 58/30](#), [B60L 58/31](#), [B60L 58/32](#), [B60L 58/33](#), [B60L 58/34](#), and [B60L 58/40](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- U B60L 3/0023
- {Detecting, eliminating, remedying or compensating for drive train abnormalities, e.g. failures within the drive train}

- M B60L 3/0046
- {relating to electric energy storage systems, e.g. batteries or capacitors}
- WARNING**
Group B60L 3/0046 is impacted by reclassification into groups B60L 58/00, B60L 58/10, B60L 58/12, B60L 58/13, B60L 58/14, B60L 58/15, B60L 58/16, B60L 58/18, B60L 58/19, B60L 58/20, B60L 58/21, B60L 58/22, B60L 58/24, B60L 58/25, B60L 58/26, B60L 58/27, and B60L 58/40.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 3/0053
- {relating to fuel cells}
- WARNING**
Group B60L 3/0053 is impacted by reclassification into groups B60L 58/00, B60L 58/30, B60L 58/31, B60L 58/32, B60L 58/33, B60L 58/34, and B60L 58/40.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 9/00
- Electric propulsion with power supply external to the vehicle (electric propulsion for monorail vehicles, suspension vehicles or rack railways [B60L 13/00](#); in combination with batteries or fuel cells within the vehicle [B60L 50/53](#))**
- WARNING**
Group B60L 9/00 is impacted by reclassification into group B60L 50/53. Groups B60L 9/00 and B60L 50/53 should be considered in order to perform a complete search.
- U B60L 50/00
- Electric propulsion with power supplied within the vehicle (with power supply from force of nature, e.g. sun or wind, [B60L 8/00](#); for monorail vehicles, suspension vehicles or rack railways [B60L 13/00](#))**
- M B60L 50/50
- using propulsion power supplied by batteries or fuel cells
- WARNING**
Group B60L 50/50 is impacted by reclassification into groups B60L 50/60, B60L 50/64, B60L 50/70, and B60L 50/75.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 50/53
- in combination with an external power supply, e.g. from overhead contact lines
- WARNING**
Group B60L 50/53 is incomplete pending reclassification of documents from group B60L 9/00.
Groups B60L 9/00 and B60L 50/53 should be considered in order to perform a complete search.
- M B60L 50/60
- using power supplied by batteries (in combination with fuel cells [B60L 50/75](#))
- WARNING**
Group B60L 50/60 is incomplete pending reclassification from group B60L 50/50.
All groups listed in this Warning should be considered in order to perform a complete search.

- M B60L 50/64
- • Constructional details of batteries specially adapted for electric vehicles
- NOTE
This group covers adaptation of battery structures of electric vehicles, e.g. integration into control or safety systems, crash-resistant casings or vibration-damping means.
- WARNING
Group [B60L 50/64](#) is incomplete pending reclassification of documents from ~~groups B60L 50/50 and~~ [group H01M 50/20](#).
Groups ~~B60L 50/50, H01M 50/20 and~~ [B60L 50/64](#) should be considered in order to perform a complete search.
- M B60L 50/70
- • using power supplied by fuel cells (in combination with batteries [B60L 50/75](#))
- WARNING
Group ~~B60L 50/70 is incomplete pending reclassification from group B60L 50/50.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~
- M B60L 50/75
- • using propulsion power supplied by both fuel cells and batteries
- WARNING
Group ~~B60L 50/75 is incomplete pending reclassification from groups B60L 50/50 and B60L 58/40.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~
- M B60L 53/00**
- Methods of charging batteries, specially adapted for electric vehicles; Charging stations or on-board charging equipment therefor; Exchange of energy storage elements in electric vehicles**
- WARNING
Group ~~B60L 53/00 is impacted by reclassification into groups B60L 53/50, B60L 53/51, B60L 53/52, B60L 53/53, B60L 53/54, B60L 53/55, B60L 53/56, B60L 53/57, B60L 53/67, and B60L 53/68.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~
- M B60L 53/10
- characterised by the energy transfer between the charging station and the vehicle
- WARNING
Group ~~B60L 53/10 is incomplete pending reclassification of documents from group B60L 53/60.~~
~~Groups B60L 53/60 and B60L 53/10 should be considered in order to perform a complete search.~~
- M B60L 53/12
- • Inductive energy transfer
- WARNING
Group ~~B60L 53/12 is impacted by reclassification into groups B60L 53/122, B60L 53/124, and B60L 53/126.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M B60L 53/122
- • Circuits or methods for driving the primary coil, e.g. supplying electric power to the coil
- WARNING
Group B60L 53/122 is incomplete pending reclassification of documents from group B60L 53/12. Groups B60L 53/12 and B60L 53/122 should be considered in order to perform a complete search.
- M B60L 53/124
- • Detection or removal of foreign bodies
- WARNING
Group B60L 53/124 is incomplete pending reclassification of documents from group B60L 53/12. Groups B60L 53/12 and B60L 53/124 should be considered in order to perform a complete search.
- M B60L 53/126
- • Methods for pairing a vehicle and a charging station, e.g. establishing a one-to-one relation between a wireless power transmitter and a wireless power receiver
- WARNING
Group B60L 53/126 is incomplete pending reclassification of documents from group B60L 53/12. Groups B60L 53/12 and B60L 53/126 should be considered in order to perform a complete search.
- M B60L 53/14
- • Conductive energy transfer
- WARNING
Group B60L 53/14 is impacted by reclassification into group B60L 53/18. Groups B60L 53/14 and B60L 53/18 should be considered in order to perform a complete search.
- M B60L 53/18
- • Cables specially adapted for charging electric vehicles
- WARNING
Group B60L 53/18 is incomplete pending reclassification of documents from group B60L 53/14. Groups B60L 53/14 and B60L 53/18 should be considered in order to perform a complete search.
- M B60L 53/30
- Constructional details of charging stations
- WARNING
Group B60L 53/30 is impacted by reclassification into groups B60L 53/302, B60L 53/305, B60L 53/34, B60L 53/67, and B60L 53/68. Groups B60L 53/30, B60L 53/302, B60L 53/305, B60L 53/34, B60L 53/67, and B60L 53/68 should be considered in order to perform a complete search.
- M B60L 53/302
- • Cooling of charging equipment
- WARNING
Group B60L 53/302 is incomplete pending reclassification of documents from group B60L 53/30. Groups B60L 53/30 and B60L 53/302 should be considered in order to perform a complete search.
- M B60L 53/305
- {Communication interfaces}
- WARNING
Group B60L 53/305 is incomplete pending reclassification of documents from group B60L 53/30.

		<p>Groups B60L 53/30 and B60L 53/305 should be considered in order to perform a complete search.</p>
M	B60L 53/34	<ul style="list-style-type: none">• Plug-like or socket-like devices specially adapted for contactless inductive charging of electric vehicles (positioning means for charging devices using inductive energy transfer B60L 53/38) <p>WARNING Group B60L 53/34 is incomplete pending reclassification of documents from group B60L 53/30. Groups B60L 53/30 and B60L 53/34 should be considered in order to perform a complete search.</p>
M	B60L 53/50	<ul style="list-style-type: none">• Charging stations characterised by energy-storage or power-generation means <p>WARNING Groups B60L 53/50 – B60L 53/57 are incomplete pending reclassification of documents from group B60L 53/00. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B60L 53/60	<ul style="list-style-type: none">• Monitoring or controlling charging stations <p>WARNING Group B60L 53/60 is impacted by reclassification into groups B60L 53/10, B60L 53/62, B60L 53/66, B60L 53/67, and B60L 53/68. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B60L 53/62	<ul style="list-style-type: none">• in response to charging parameters, e.g. current, voltage or electrical charge <p>WARNING Group B60L 53/62 is incomplete pending reclassification of documents from groups B60L 53/60. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B60L 53/66	<ul style="list-style-type: none">• Data transfer between charging stations and vehicles <p>WARNING Group B60L 53/66 is incomplete pending reclassification of documents from group B60L 53/60. Groups B60L 53/60 and B60L 53/66 should be considered in order to perform a complete search.</p>
M	B60L 53/67	<ul style="list-style-type: none">• Controlling two or more charging stations <p>WARNING Group B60L 53/67 is incomplete pending reclassification of documents from groups B60L 53/00, B60L 53/30, and B60L 53/60. All groups listed in this Warning should be considered in order to perform a complete search.</p>
M	B60L 53/68	<ul style="list-style-type: none">• Off-site monitoring or control, e.g. remote control <p>WARNING Group B60L 53/68 is incomplete pending reclassification of documents from groups B60L 53/00, B60L 53/30, and B60L 53/60. All groups listed in this Warning should be considered in order to perform a complete search.</p>

- M B60L 53/80
- Exchanging energy storage elements, e.g. removable batteries
- WARNING
Group B60L 53/80 is incomplete pending reclassification of documents from groups B60K 1/04 and B60S 5/06.
Groups B60K 1/04, B60S 5/06, and B60L 53/80 should be considered in order to perform a complete search.
- M B60L 58/00
- Methods or circuit arrangements for monitoring or controlling batteries or fuel cells, specially adapted for electric vehicles**
- NOTE
This group covers the monitoring of the operating state of batteries or fuel cells in combination with controlling the propulsion in response to the detected variables of the state.
- WARNING
Group B60L 58/00 is incomplete pending reclassification of documents from groups B60L 3/00, B60L 3/0046, B60L 3/0053, B60L 50/60, and B60L 50/70.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/10
- for monitoring or controlling batteries
- WARNING
Group B60L 58/10 is incomplete pending reclassification of documents from groups B60L 3/00, B60L 3/0046, and B60L 50/60.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/12
- • responding to state of charge [SoC]
- WARNING
Group B60L 58/12 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
Group B60L 58/12 is also impacted by reclassification into group B60L 58/15.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/13
- • Maintaining the SoC within a determined range
- WARNING
Group B60L 58/13 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
Group B60L 58/13 is also impacted by reclassification into group B60L 58/15.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/14
- • Preventing excessive discharging
- WARNING
Group B60L 58/14 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
Group B60L 58/14 is also impacted by reclassification into group B60L 58/15.
All groups listed in this Warning should be considered in order to perform a complete search.

- M B60L 58/15
- • Preventing overcharging
- WARNING
Group B60L 58/15 is incomplete pending reclassification of documents from groups B60L 3/00, B60L 3/0046, B60L 58/12, B60L 58/13, and B60L 58/14.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/16
- • responding to battery ageing, e.g. to the number of charging cycles or the state of health [SoH]
- WARNING
Group B60L 58/16 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/18
- • of two or more battery modules
- WARNING
Group B60L 58/18 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/19
- • Switching between serial connection and parallel connection of battery modules
- WARNING
Group B60L 58/19 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/20
- • having different nominal voltages
- WARNING
Group B60L 58/20 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/21
- • having the same nominal voltage
- WARNING
Group B60L 58/21 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/22
- • Balancing the charge of battery modules
- WARNING
Group B60L 58/22 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.

- M B60L 58/24
- • for controlling the temperature of batteries
- WARNING
Group B60L 58/24 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/25
- • • by controlling the electric load
- WARNING
Group B60L 58/25 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/26
- • • by cooling
- WARNING
Group B60L 58/26 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/27
- • • by heating
- WARNING
Group B60L 58/27 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0046.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/30
- for monitoring or controlling fuel cells
- WARNING
Group B60L 58/30 is incomplete pending reclassification of documents from groups B60L 3/00, B60L 3/0053, and B60L 50/70.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/31
- • for starting of fuel cells
- WARNING
Group B60L 58/31 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0053.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/32
- • for controlling the temperature of fuel cells, e.g. by controlling the electric load
- WARNING
Group B60L 58/32 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0053.
All groups listed in this Warning should be considered in order to perform a complete search.
- M B60L 58/33
- • • by cooling
- WARNING
Group B60L 58/33 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0053.

All groups listed in this Warning should be considered in order to perform a complete search.

M B60L 58/34

- • • by heating

WARNING

Group B60L 58/34 is incomplete pending reclassification of documents from groups B60L 3/00 and B60L 3/0053.

All groups listed in this Warning should be considered in order to perform a complete search.

M B60L 58/40

- for controlling a combination of batteries and fuel cells

WARNING

Group B60L 58/40 is incomplete pending reclassification of documents from groups B60L 3/00, B60L 3/0046, B60L 3/0053.

Group B60L 58/40 is also impacted by reclassification into group B60L 50/75. All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0565-F (B60S)

U B60S 5/00

Servicing, maintaining, repairing or refitting of vehicles ({collecting or removing exhaust gases in workshops [B08B 15/002](#); straightening vehicle body parts [B21D 1/12](#), [B21D 1/14](#)}; vehicles adapted to carry a workshop for servicing or maintenance [B60P 3/14](#); servicing rail locomotives [B61K](#); {registering or indicating the working of vehicles [G07C 5/00](#): testing of vehicles [G01M 17/00](#); arrangements for electrical testing [G01R 31/00](#); devices for monitoring or checking brake systems [B60T 17/22](#); filling or draining lubricant [F01M 11/04](#); means for collecting, retaining, or draining-off lubricant [F16N 31/00](#); draining of lubricant from gearing [F16H 57/0406](#); assembly or repair of springs or dampers [F16F 9/3271](#); tool, instrument or work supports or storage means used in association with vehicles [B25H 5/00](#)})

M B60S 5/06

- Supplying batteries to, or removing batteries from, vehicles (exchanging batteries for electric propulsion of vehicles [B60L 53/80](#))

WARNING

Group B60S 5/06 is impacted by reclassification into group B60L 53/80.

Groups B60S 5/06 and B60L 53/80 should be considered in order to perform a complete search.

Project: RP0572-F (F24F)

U F24F 1/00

Room units for air-conditioning, e.g. separate or self-contained units or units receiving primary air from a central station

M F24F 1/0007

- Indoor units, e.g. fan coil units (self-contained units [F24F 1/02](#))

WARNING

Group F24F 1/0007 is impacted by reclassification into groups F24F 1/00073, F24F 1/00075, F24F 1/00077, F24F 1/0035, F24F 1/0038, F24F 1/0041, F24F 1/0043, F24F 1/0047, F24F 1/005, F24F 1/0053, F24F 1/0057, F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/008, F24F 1/0083, F24F 1/0087, F24F 1/009, F24F 1/0093, F24F 1/0097, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353 and F24F 1/037.

All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/00073
- {comprising a compressor in the indoor unit housing}
- WARNING**
Group F24F 1/00073 is incomplete pending reclassification of documents from group F24F 1/0007.-
Groups F24F 1/0007 and F24F 1/00073 should be considered in order to perform a complete search.
- M F24F 1/00075
- {receiving air from a central station}
- WARNING**
Group F24F 1/00075 is incomplete pending reclassification of documents from group F24F 1/0007.-
Groups F24F 1/0007 and F24F 1/00075 should be considered in order to perform a complete search.
- M F24F 1/00077
- {receiving heat exchange fluid entering and leaving the unit as a liquid}
- WARNING**
Group F24F 1/00077 is incomplete pending reclassification of documents from group F24F 1/0007.-
Groups F24F 1/0007 and F24F 1/00077 should be considered in order to perform a complete search.
- M F24F 1/0035
- characterised by introduction of outside air to the room
- WARNING**
Group F24F 1/0035 is incomplete pending reclassification of documents from group F24F 1/0007. Group F24F 1/0035 is also impacted by reclassification into group F24F 1/0038.
Groups F24F 1/0035, F24F 1/0007 and F24F 1/0038 should be considered in order to perform a complete search.
- M F24F 1/0038
- • in combination with simultaneous exhaustion of inside air
- WARNING**
Group F24F 1/0038 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0035 and F24F 1/0041.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/0041
- characterised by exhaustion of inside air from the room (in combination with simultaneous introduction of outside air [F24F 1/0038](#))
- WARNING**
Group F24F 1/0041 is incomplete pending reclassification of documents from group F24F 1/0007.-
Group F24F 1/0041 is also impacted by reclassification into group F24F 1/0038.-
Groups F24F 1/0041, F24F 1/0007 and F24F 1/0038 should be considered in order to perform a complete search.
- M F24F 1/0043
- characterised by mounting arrangements
- WARNING**
Group F24F 1/0043 is incomplete pending reclassification of documents from group F24F 1/0007.-
Groups F24F 1/0007 and F24F 1/0043 should be considered in order to perform a complete search.

- M F24F 1/0047
- • • mounted in the ceiling or at the ceiling
- WARNING
Group F24F 1/0047 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0047 should be considered in order to perform a complete search.
- M F24F 1/005
- • • mounted on the floor; standing on the floor
- WARNING
Group F24F 1/005 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/005 should be considered in order to perform a complete search.
- M F24F 1/0053
- • • mounted at least partially below the floor; with air distribution below the floor
- WARNING
Group F24F 1/0053 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0053 should be considered in order to perform a complete search.
- M F24F 1/0057
- • • mounted in or on a wall
- WARNING
Group F24F 1/0057 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0057 should be considered in order to perform a complete search.
- M F24F 1/0059
- • characterised by heat exchangers
- WARNING
Group F24F 1/0059 is incomplete pending reclassification of documents from group F24F 1/0007.
Group F24F 1/0059 is also impacted by reclassification into groups F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/032, F24F 1/0323, F24F 1/0325 and F24F 1/0326.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/0063
- • • by the mounting or arrangement of the heat exchangers
- WARNING
Group F24F 1/0063 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059.
Groups F24F 1/0007, F24F 1/0059 and F24F 1/0063 should be considered in order to perform a complete search.
- M F24F 1/0067
- • • by the shape of the heat exchangers or of parts thereof, e.g. of their fins
- WARNING
Group F24F 1/0067 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059.
Groups F24F 1/0007, F24F 1/0059 and F24F 1/0067 should be considered in order to perform a complete search.

- M F24F 1/0068
- characterised by the arrangement of refrigerant piping outside the heat exchanger within the unit casing
- WARNING**
Group F24F 1/0068 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059.
Groups F24F 1/0007 and F24F 1/0059 and F24F 1/0068 should be considered in order to perform a complete search.
- M F24F 1/0071
- with means for purifying supplied air (perfuming or deodorising means [F24F 1/008](#))
- WARNING**
Group F24F 1/0071 is incomplete pending reclassification of documents from group F24F 1/0007.
Group F24F 1/0071 is also impacted by reclassification into groups F24F 1/0073, F24F 1/0076, F24F 1/0328, F24F 1/035 and F24F 1/0353.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/0073
- characterised by the mounting or arrangement of filters
- WARNING**
Group F24F 1/0073 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0071.
Groups F24F 1/0007, F24F 1/0071 and F24F 1/0073 should be considered in order to perform a complete search.
- M F24F 1/0076
- by electric means, e.g. ionisers or electrostatic separators
- WARNING**
Group F24F 1/0076 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0071.
Groups F24F 1/0007, F24F 1/0071 and F24F 1/0076 should be considered in order to perform a complete search.
- M F24F 1/008
- with perfuming or deodorising means
- WARNING**
Group F24F 1/008 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/008 should be considered in order to perform a complete search.
- M F24F 1/0083
- with dehumidification means
- WARNING**
Group F24F 1/0083 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0083 should be considered in order to perform a complete search.
- M F24F 1/0087
- with humidification means
- WARNING**
Group F24F 1/0087 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0087 should be considered in order to perform a complete search.

- M F24F 1/009
- • characterised by heating arrangements (characterised by heat exchangers [F24F 1/0059](#))
- WARNING**
Group F24F 1/009 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/009 should be considered in order to perform a complete search.
- M F24F 1/0093
- • with additional radiant heat-discharging elements, e.g. electric heaters
- WARNING**
Group F24F 1/0093 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0093 should be considered in order to perform a complete search.
- M F24F 1/0097
- • using thermoelectric or thermomagnetic means, e.g. Peltier elements
- WARNING**
Group F24F 1/0097 is incomplete pending reclassification of documents from group F24F 1/0007.
Groups F24F 1/0007 and F24F 1/0097 should be considered in order to perform a complete search.
- M F24F 1/02
- Self-contained room units for air-conditioning, i.e. with all apparatus for treatment installed in a common casing
- WARNING**
Group F24F 1/02 is impacted by reclassification into groups F24F 1/028, F24F 1/0284, F24F 1/0287, F24F 1/029, F24F 1/03, F24F 1/031, F24F 1/0314, F24F 1/0317, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/0355, F24F 1/0358, F24F 1/037, F24F 1/0373, F24F 1/0375, F24F 1/0378 and F24F 1/039.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/028
- • characterised by air supply means, e.g. fan casings, internal dampers or ducts (with secondary air induced by injector action of the primary air [F24F 1/01](#))
- WARNING**
Group F24F 1/028 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/028 should be considered in order to perform a complete search.
- M F24F 1/0284
- • with horizontally arranged fan axis
- WARNING**
Group F24F 1/0284 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0284 should be considered in order to perform a complete search.
- M F24F 1/0287
- • with vertically arranged fan axis
- WARNING**
Group F24F 1/0287 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0287 should be considered in order to perform a complete search.

- M F24F 1/029
- • characterised by the layout or mutual arrangement of components, e.g. of compressors or fans
- WARNING**
Group F24F 1/029 is incomplete pending reclassification of documents from group F24F 1/02.-
Groups F24F 1/02 and F24F 1/029 should be considered in order to perform a complete search.
- M F24F 1/03
- • characterised by mounting arrangements
- WARNING**
Group F24F 1/03 is incomplete pending reclassification of documents from group F24F 1/02.-
Groups F24F 1/02 and F24F 1/03 should be considered in order to perform a complete search.
- M F24F 1/031
- • • penetrating a wall or window
- WARNING**
Group F24F 1/031 is incomplete pending reclassification of documents from group F24F 1/02.-
Groups F24F 1/02 and F24F 1/031 should be considered in order to perform a complete search.
- M F24F 1/0314
- • • mounted on a wall
- WARNING**
Group F24F 1/0314 is incomplete pending reclassification of documents from group F24F 1/02.-
Groups F24F 1/02 and F24F 1/0314 should be considered in order to perform a complete search.
- M F24F 1/0317
- • • suspended from the ceiling
- WARNING**
Group F24F 1/0317 is incomplete pending reclassification of documents from group F24F 1/02.-
Groups F24F 1/02 and F24F 1/0317 should be considered in order to perform a complete search.
- M F24F 1/032
- • characterised by heat exchangers
- WARNING**
Group F24F 1/032 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/0323
- • • by the mounting or arrangement of the heat exchangers
- WARNING**
Group F24F 1/0323 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M F24F 1/0325
- • • by the shape of the heat exchangers or of parts thereof, e.g. of their fins
- WARNING**
Group F24F 1/0325 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02.-

All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/0326
 - characterised by the arrangement of refrigerant piping outside the heat exchanger within the unit casing

WARNING

Group F24F 1/0326 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02.
All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/0328
 - with means for purifying supplied air (perfuming or deodorising means [F24F 1/0355](#))

WARNING

Group F24F 1/0328 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02.
All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/035
 - characterised by the mounting or arrangement of filters

WARNING

Group F24F 1/035 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02.
All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/0353
 - by electric means, e.g. ionisers or electrostatic separators

WARNING

Group F24F 1/0353 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02.
All groups listed in this Warning should be considered in order to perform a complete search.

- M F24F 1/0355
 - with perfuming or deodorising means

WARNING

Group F24F 1/0355 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0355 should be considered in order to perform a complete search.

- M F24F 1/0358
 - with dehumidification means

WARNING

Group F24F 1/0358 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0358 should be considered in order to perform a complete search.

- M F24F 1/037
 - with humidification means

WARNING

Group F24F 1/037 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/02.
Groups F24F 1/0007 and F24F 1/02 and F24F 1/037 should be considered in order to perform a complete search.

- M F24F 1/0373
- characterised by heating arrangements (characterised by heat exchangers [F24F 1/032](#))
- WARNING**
Group F24F 1/0373 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0373 should be considered in order to perform a complete search.
- M F24F 1/0375
- with additional radiant heat-discharging elements, e.g. electric heaters
- WARNING**
Group F24F 1/0375 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0375 should be considered in order to perform a complete search.
- M F24F 1/0378
- using thermoelectric or thermomagnetic means, e.g. Peltier elements
- WARNING**
Group F24F 1/0378 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/0378 should be considered in order to perform a complete search.
- M F24F 1/039
- using water to enhance cooling, e.g. spraying onto condensers
- WARNING**
Group F24F 1/039 is incomplete pending reclassification of documents from group F24F 1/02.
Groups F24F 1/02 and F24F 1/039 should be considered in order to perform a complete search.

Project: RP0573-F (G06F)

- D G06F 19/00
—(Frozen)
- Digital computing or data processing equipment or methods, specially adapted for specific applications (specially adapted for specific functions G06F 17/00; data processing systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes G06Q; healthcare informatics G16H)**
- WARNING**
Group G06F 19/00 is no longer used for the classification of documents as of 02-01-2019. The content of this group is being reclassified into group G16Z 99/00.
Groups G06F 19/00 and G16Z 99/00 should be considered in order to perform a complete search.

Project: RP0573-F (G16B)

- M G16B 5/00
- ICT specially adapted for modelling or simulations in systems biology, e.g. gene-regulatory networks, protein interaction networks or metabolic networks**
- WARNING**
Groups G16B 5/00, G16B 5/10, G16B 5/20, G16B 5/30 are incomplete pending reclassification of documents from group G16B 99/00.
Group G16B 5/00 is also impacted by reclassification into groups G16B 5/10, G16B 5/20, and G16B 5/30.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 10/00 ICT specially adapted for evolutionary bioinformatics, e.g. phylogenetic tree construction or analysis

WARNING

Group G16B 10/00 is incomplete pending reclassification of documents from group G16B 99/00.

Groups G16B 99/00 and G16B 10/00 should be considered in order to perform a complete search.

M G16B 15/00 ICT specially adapted for analysing two-dimensional or three-dimensional molecular structures, e.g. structural or functional relations or structure alignment

WARNING

Groups G16B 15/00, G16B 15/10, G16B 15/20, G16B 15/30 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 15/00 is also impacted by reclassification into groups G16B 15/10, G16B 15/20, and G16B 15/30.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 20/00 ICT specially adapted for functional genomics or proteomics, e.g. genotype-phenotype associations

WARNING

Groups G16B 20/00, G16B 20/10, G16B 20/20, G16B 20/30, G16B 20/40, G16B 20/50 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 20/00 is also impacted by reclassification into groups G16B 20/10, G16B 20/20, G16B 20/30, G16B 20/40, and G16B 20/50.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 25/00 ICT specially adapted for hybridisation; ICT specially adapted for gene or protein expression

WARNING

Groups G16B 25/00, G16B 25/10, G16B 25/20, G16B 25/30 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 25/00 is also impacted by reclassification into groups G16B 25/10, G16B 25/20, and G16B 25/30.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 30/00 ICT specially adapted for sequence analysis involving nucleotides or amino acids

WARNING

Groups G16B 30/00, G16B 30/10, G16B 30/20 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 30/00 is also impacted by reclassification into groups G16B 30/10, and G16B 30/20.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 35/00 ICT specially adapted for in silico combinatorial libraries of nucleic acids, proteins or peptides

WARNING

Groups G16B 35/00, G16B 35/10, G16B 35/20 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 35/00 is also impacted by reclassification into groups G16B 35/10, and G16B 35/20.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 40/00 ICT specially adapted for biostatistics; ICT specially adapted for bioinformatics-related machine learning or data mining, e.g. knowledge discovery or pattern finding

WARNING

Groups G16B 40/00, G16B 40/10, G16B 40/20, G16B 40/30 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 40/00 is also impacted by reclassification into groups G16B 40/10, G16B 40/20, and G16B 40/30.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 50/00 ICT programming tools or database systems specially adapted for bioinformatics

WARNING

Groups G16B 50/00, G16B 50/10, G16B 50/20, G16B 50/30, G16B 50/40, G16B 50/50 are incomplete pending reclassification of documents from group G16B 99/00.

Group G16B 50/00 is also impacted by reclassification into groups G16B 50/10, G16B 50/20, G16B 50/30, G16B 50/40 and G16B 50/50.

All groups listed in this Warning should be considered in order to perform a complete search.

M G16B 99/00 Subject matter not provided for in other groups of this subclass

WARNING

Group G16B 99/00 is impacted by reclassification into groups G16B 5/00, G16B 5/10, G16B 5/20, G16B 5/30, G16B 10/00, G16B 15/00, G16B 15/10, G16B 15/20, G16B 15/30, G16B 20/00, G16B 20/10, G16B 20/20, G16B 20/30, G16B 20/40, G16B 20/50, G16B 25/00, G16B 25/10, G16B 25/20, G16B 25/30, G16B 30/00, G16B 30/10, G16B 30/20, G16B 35/00, G16B 35/10, G16B 35/20, G16B 40/00, G16B 40/10, G16B 40/20, G16B 40/30, G16B 45/00, G16B 50/00, G16B 50/10, G16B 50/20, G16B 50/30, G16B 50/40, and G16B 50/50.

All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0573-F (G16C)

M G16C 10/00 Computational theoretical chemistry, i.e. ICT specially adapted for theoretical aspects of quantum chemistry, molecular mechanics, molecular dynamics or the like

WARNING

Group G16C 10/00 is incomplete pending reclassification of documents from group G16C 99/00.

Groups G16C 99/00 and G16C 10/00 should be considered in order to perform a complete search.

- M G16C 20/00** **Cheminformatics, i.e. ICT specially adapted for the handling of physicochemical or structural data of chemical particles, elements, compounds or mixtures**
- WARNING
 Groups G16C 20/00 – G16C 20/50, G16C 20/70 – G16C 20/90 are incomplete pending reclassification of documents from group G16C 99/00.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M G16C 20/60** • In silico combinatorial chemistry
- WARNING
 Group G16C 20/60 is incomplete pending reclassification of documents from group G16C 99/00.
 Group G16C 20/60 is also impacted by reclassification into groups G16C 20/62 and G16C 20/64.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M G16C 60/00** **Computational materials science, i.e. ICT specially adapted for investigating the physical or chemical properties of materials or phenomena associated with their design, synthesis, processing, characterisation or utilisation**
- WARNING
 Group G16C 60/00 is incomplete pending reclassification of documents from group G16C 99/00.
 Groups G16C 99/00 and G16C 60/00 should be considered in order to perform a complete search.
- M G16C 99/00** **Subject matter not provided for in other groups of this subclass**
- WARNING
 Group G16C 99/00 is impacted by reclassification into groups G16C 10/00, G16C 20/00, G16C 20/10, G16C 20/20, G16C 20/30, G16C 20/40, G16C 20/50, G16C 20/60, G16C 20/62, G16C 20/64, G16C 20/70, G16C 20/80, G16C 20/90, and G16C 60/00.
 All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0573-F (G16Z)

- M G16Z 99/00** **Subject matter not provided for in other main groups of this subclass**
- WARNING
 Group G16Z 99/00 is incomplete pending reclassification of documents from group G06F 19/00.
 Groups G06F 19/00 and G16Z 99/00 should be considered in order to perform a complete search.

Project: RP0594-F (H02K)

- U H02K 11/00** **Structural association of dynamo-electric machines with electric components or with devices for shielding, monitoring or protection (casings, enclosures or supports [H02K 5/00](#))**

- M H02K 11/01
- for shielding from electromagnetic fields {, i.e. structural association with shields} (means for preventing or reducing eddy-current losses in the winding heads by shielding [H02K 3/42](#))
- WARNING**
~~Group H02K 11/01 is incomplete pending reclassification of documents from group H02K 11/022.~~
~~Group H02K 11/01 is also impacted by reclassification into groups H02K 11/012, H02K 11/014, and H02K 11/0141.~~
~~All groups listed in this Warning should be considered in order to perform a complete search.~~
- M H02K 11/012
- {Shields associated with rotating parts, e.g. rotor cores or rotary shafts}
- WARNING**
~~Group H02K 11/012 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022.~~
~~Groups H02K 11/01, H02K 11/022 and H02K 11/012 should be considered in order to perform a complete search.~~
- M H02K 11/014
- {Shields associated with stationary parts, e.g. stator cores}
- WARNING**
~~Group H02K 11/014 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022.~~
~~Groups H02K 11/01, H02K 11/022 and H02K 11/014 should be considered in order to perform a complete search.~~
- M H02K 11/0141
- • {Shields associated with casings, enclosures or brackets}
- WARNING**
~~Group H02K 11/0141 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022.~~
~~Groups H02K 11/01, H02K 11/022 and H02K 11/0141 should be considered in order to perform a complete search.~~
- U H02K 11/02
- for suppression of electromagnetic interference
- D H02K 11/022
—(Frozen)
- {Shields}
- WARNING**
~~Group H02K 11/022 is no longer used for the classification of documents as of August 1, 2020.~~
~~The content of this group is being reclassified into groups H02K 11/01-H02K 11/0141.~~
~~Groups H02K 11/022 and H02K 11/01-H02K 11/0141 should be considered in order to perform a complete search.~~

Project: RP0608-F (D06F)

- M D06F 18/00
- Washing machines having receptacles, stationary for washing purposes, and having further drying means (control of washing or of washing and drying [D06F 33/00](#), [D06F 34/00](#); domestic laundry dryers [D06F 58/00](#))**
- WARNING**
~~Group D06F 18/00 is impacted by reclassification into groups D06F 31/00, D06F 31/005, D06F 33/00 - D06F 33/76, D06F 34/00 - D06F 34/34, D06F 37/42, D06F 2101/00 - D06F 2101/20, D06F 2103/02 - D06F 2103/04, D06F 2103/06, D06F 2103/08, D06F 2103/20, D06F 2103/22, D06F 2103/68, D06F 2103/70, D06F 2105/50, D06F 2105/52, D06F 2105/54, D06F 2105/56, D06F 2105/58, D06F 2105/60, and D06F 2105/62.~~

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 19/00

Washing machines using vibrations for washing purposes

WARNING

Group D06F 19/00 is impacted by reclassification into group D06F 2103/66.
Groups D06F 19/00 and D06F 2103/66 should be considered in order to perform a complete search.

M D06F 25/00

Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement, the receptacle serving both for washing and for centrifugally separating water from the laundry and having further drying means, e.g. using hot air (control of washing or of washing and drying [D06F 33/00](#), [D06F 34/00](#); domestic laundry dryers [D06F 58/00](#))

WARNING

Group D06F 25/00 is impacted by reclassification into groups D06F 34/00 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00, D06F 2103/02, D06F 2103/04, D06F 2103/06, D06F 2103/08, D06F 2103/20, D06F 2103/22, D06F 2103/68, D06F 2103/70, D06F 2105/50, D06F 2105/52, D06F 2105/54, D06F 2105/56, D06F 2105/58, D06F 2105/60, and D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 31/00

Washing installations comprising an assembly of several washing machines or washing units, e.g. continuous flow assemblies

WARNING

Groups D06F 31/00 - D06F 31/005 are incomplete pending reclassification of documents from groups D06F 18/00 and D06F 39/00.
Groups D06F 18/00, D06F 39/00, and D06F 31/00 should be considered in order to perform a complete search.

M D06F 33/00

Control of operations performed in washing machines or washer-dryers ([D06F 31/00](#) takes precedence; details of control systems therefor [D06F 34/00](#); control of operations performed in domestic laundry dryers [D06F 58/32](#))

NOTE

In this group, it is mandatory to add the indexing codes of groups [D06F 2101/00](#) - [D06F 2105/00](#).

WARNING

Group D06F 33/00 is incomplete pending reclassification of documents from groups D06F 18/00 and D06F 39/00.

Group D06F 33/00 is also impacted by reclassification into groups D06F 33/30 - D06F 33/76, D06F 34/00 - D06F 34/34, D06F 37/42, D06F 58/32 - D06F 58/52, D06F 2101/00 - D06F 2103/70, and D06F 2105/00 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 33/04

• non-electrically

WARNING

Group D06F 33/04 - D06F 33/10 are incomplete pending reclassification of documents from groups D06F 18/00 and D06F 39/00.

Groups D06F 18/00, D06F 39/00, and D06F 33/04 should be considered in order to perform a complete search.

- M D06F 33/30
- Control of washing machines characterised by the purpose or target of the control (controlling processes of washer-dryers [D06F 33/50](#))
- WARNING**
Group D06F 33/30 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/32
- Control of operational steps, e.g. optimisation or improvement of operational steps depending on the condition of the laundry
- WARNING**
Group D06F 33/32 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, and D06F 2202/10.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/34
- of water filling
- WARNING**
Group D06F 33/34 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 2202/10, D06F 2204/086, and D06F 2204/088.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/36
- of washing
- WARNING**
Group D06F 33/36 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/005, D06F 35/006, D06F 39/00, D06F 2202/10, D06F 2202/12, and D06F 2204/00 – D06F 2204/10.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/37
- of metering of detergents or additives
- WARNING**
Group D06F 33/37 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/02, D06F 39/022, D06F 39/024, D06F 39/026, D06F 39/028, D06F 2202/10, and D06F 2204/02.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/38
- of rinsing
- WARNING**
Group D06F 33/38 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/005, D06F 35/006, D06F 39/00, D06F 2202/10, and D06F 2204/00 – D06F 2204/10.
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 33/40
- • • of centrifugal separation of water from the laundry
- WARNING**
Group D06F 33/40 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/007, D06F 39/00, D06F 2202/10, D06F 2204/06, and D06F 2204/065.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/42
- • • of draining
- WARNING**
Group D06F 33/42 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/08, D06F 39/083, D06F 39/085, D06F 2202/10, and D06F 2204/084.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/43
- • Control of cleaning or disinfection of washing machine parts, e.g. of tubs
- WARNING**
Group D06F 33/43 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/008, D06F 39/00, D06F 2202/10, and D06F 2204/00 – D06F 2204/10.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/44
- • Control of the operating time, e.g. reduction of overall operating time
- WARNING**
Group D06F 33/44 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 2202/10, D06F 2204/00 D06F 2204/10, D06F 2212/00 – D06F 2212/06, and D06F 2220/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/46
- • Control of the energy or water consumption
- WARNING**
Group D06F 33/46 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/006, D06F 2202/10, D06F 2204/00 – D06F 2204/10, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/47
- • Responding to irregular working conditions, e.g. malfunctioning of pumps (safety arrangements [D06F 37/42](#))
- WARNING**
Group D06F 33/47 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/08 – D06F 39/088, D06F 39/14, D06F 2202/10, D06F 2204/00 – D06F 2204/02, D06F 2204/04, D06F 2204/10, and D06F 2224/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/48
- • Preventing or reducing imbalance or noise
- WARNING**
Group D06F 33/48 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 37/203, D06F 37/22, D06F 37/225,

~~D06F 37/24, D06F 37/245, D06F 39/00, D06F 2202/10, D06F 2204/00-
D06F 2204/10, and D06F 2220/00.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M D06F 33/50 • Control of washer-dryers characterised by the purpose or target of the control

WARNING

~~Group D06F 33/50 – D06F 33/56 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- U D06F 33/52 • • Control of the operational steps, e.g. optimisation or improvement of operational steps depending on the condition of the laundry

- M D06F 33/57 • • • of metering of detergents or additives

WARNING

~~Group D06F 33/57 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/02, D06F 39/022, D06F 39/024, D06F 39/026, D06F 39/028, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M D06F 33/58 • • • of rinsing

WARNING

~~Group D06F 33/58 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/005, D06F 35/006, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00, D06F 2212/02, D06F 2212/04, D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M D06F 33/60 • • • of centrifugal separation of water from the laundry

WARNING

~~Group D06F 33/60 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/007, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00, D06F 2212/02, D06F 2212/04, D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M D06F 33/62
- • • of draining
- WARNING**
Group D06F 33/62 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/08, D06F 39/083, D06F 39/085, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/63
- • • of air flow, e.g. blowing air during the washing process to prevent entanglement of the laundry
- WARNING**
Groups D06F 33/63 – D06F 33/64 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/65
- • • of conditioning or finishing phases, e.g. for smoothing or removing creases
- WARNING**
Group D06F 33/65 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/008, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/68
- • • of the sequence of washing and drying operations
- WARNING**
Group D06F 33/68 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/008, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 33/69
- • Control of cleaning or disinfection of washer-dryer parts, e.g. of tubs
- WARNING**
Group D06F 33/69 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/008, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 – D06F 2202/12, D06F 2204/00 – D06F 2204/10, D06F 2210/00, D06F 2212/00 – D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.

All groups listed in this Warning should be considered in order to perform a complete search:

- M D06F 33/70
- Control of the operating time, e.g. reduction of overall operating time

WARNING

Group D06F 33/70 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 35/008, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 - D06F 2202/12, D06F 2204/00 - D06F 2204/10, D06F 2210/00, D06F 2212/00 - D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.

All groups listed in this Warning should be considered in order to perform a complete search:

- M D06F 33/72
- Control of the energy or water consumption

WARNING

Group D06F 33/72 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/006, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 - D06F 2202/12, D06F 2204/00 - D06F 2204/10, D06F 2210/00, D06F 2212/00 - D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.

Groups Group D06F 33/72 and D06F 33/72 should be considered in order to perform a complete search:

- M D06F 33/74
- Responding to irregular working conditions, e.g. malfunctioning of pumps (safety arrangements for washing machines [D06F 37/42](#))

WARNING

Group D06F 33/74 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/08, D06F 39/081, D06F 39/082, D06F 39/083, D06F 39/085, D06F 39/086, D06F 39/087, D06F 39/088, D06F 39/14, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 - D06F 2202/12, D06F 2204/00 - D06F 2204/10, D06F 2210/00, D06F 2212/00 - D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.

All groups listed in this Warning should be considered in order to perform a complete search:

- M D06F 33/76
- Preventing or reducing imbalance or noise

WARNING

Group D06F 33/76 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 37/203, D06F 37/22, D06F 37/225, D06F 37/24, D06F 37/245, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 2202/00 - D06F 2202/12, D06F 2204/00 - D06F 2204/10, D06F 2210/00, D06F 2212/00 - D06F 2212/06, D06F 2214/00, D06F 2216/00, D06F 2220/00, D06F 2222/00, D06F 2224/00, and D06F 2226/00.

All groups listed in this Warning should be considered in order to perform a complete search:

- M D06F 34/00** **Details of control systems for washing machines, washer-dryers or laundry dryers**
- NOTE
In this group, it is mandatory to add the indexing codes of groups [D06F 2101/00](#) - [D06F 2105/00](#).
- WARNING
Group D06F 34/00 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/04** • Signal transfer or data transmission arrangements
- WARNING
Groups D06F 34/04 - D06F 34/05 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/06** • Timing arrangements
- WARNING
Group D06F 34/06 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2212/00 - D06F 2212/06, and D06F 2220/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/08** • Control circuits or arrangements thereof
- WARNING
Group D06F 34/08 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 37/203, D06F 37/22, D06F 37/225, D06F 37/24, D06F 37/245, D06F 37/30, D06F 37/304, D06F 37/306, D06F 39/00, D06F 39/006, D06F 39/022, D06F 39/04, D06F 39/06, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/10** • Power supply arrangements, e.g. stand-by circuits
- WARNING
Group D06F 34/10 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 37/30, D06F 37/304,

~~D06F 37/306, D06F 37/42, D06F 39/00, D06F 39/081, D06F 39/12, D06F 39/14, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/08, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.~~
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 34/14 • Arrangements for detecting or measuring specific parameters

WARNING

~~Group D06F 34/14 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 34/16 • Imbalance

WARNING

~~Group D06F 34/16 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 37/203, D06F 37/22, D06F 37/225, D06F 37/24, D06F 37/245, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, D06F 2204/00, and D06F 2222/00.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 34/18 • Condition of the laundry, e.g. nature or weight

WARNING

~~Group D06F 34/18 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.~~

~~Group D06F 34/18 is also impacted by reclassification into groups D06F 2103/02, D06F 2103/04, D06F 2103/06, and D06F 2103/08.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 34/20 • Parameters relating to constructional components, e.g. door sensors

WARNING

~~Group D06F 34/20 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 37/10, D06F 37/18, D06F 37/28, D06F 37/302, D06F 37/42, D06F 39/00, D06F 39/12, D06F 39/125, D06F 39/14, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 34/22
- Condition of the washing liquid, e.g. turbidity
- WARNING**
Group D06F 34/22 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
Group D06F 34/22 is also impacted by reclassification into groups D06F 2103/20 and D06F 2103/22.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/24
- • Liquid temperature
- WARNING**
Group D06F 34/24 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 39/006, D06F 39/04, D06F 39/045, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/04, D06F 2202/12, D06F 2204/00, D06F 2204/04, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/26
- Condition of the drying air, e.g. air humidity or temperature
- WARNING**
Group D06F 34/26 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/002, D06F 35/003, D06F 35/004, D06F 35/005, D06F 35/006, D06F 35/007, D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/10, D06F 58/12, D06F 58/14, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/28
- Arrangements for program selection, e.g. control panels therefor; Arrangements for indicating program parameters, e.g. the selected program or its progress
- WARNING**
Group D06F 34/28 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, and D06F 2204/00.
Group D06F 34/28 is also impacted by reclassification into groups D06F 34/30, D06F 34/32, D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/68, D06F 2103/70, D06F 2105/50 - D06F 2105/60, and D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 34/30
- characterised by mechanical features, e.g. buttons or rotary dials
- WARNING**
Group D06F 34/30 - D06F 34/34 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00,

D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30,
D06F 2202/00, D06F 2202/12, and D06F 2204/00.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/00 Washing machines, apparatus, or methods not otherwise provided for

WARNING

Group D06F 35/00 is impacted by reclassification into groups D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/001 • {using ozone}

WARNING

Group D06F 35/001 is impacted by reclassification into groups D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/002 • {using bubbles}

WARNING

Group D06F 35/002 is impacted by reclassification into groups D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/003 • {using electrochemical cells}

WARNING

Group D06F 35/003 is impacted by reclassification into D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/004 • {using chlorine generators}

WARNING

Group D06F 35/004 is impacted by reclassification into groups D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 35/005 • {Methods for washing, rinsing or spin-drying}

WARNING

Group D06F 35/005 is impacted by reclassification into groups D06F 33/36, D06F 33/38, D06F 33/56, D06F 33/58, D06F 34/00, D06F 34/04 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/50, and D06F 2105/52 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 35/006
- {for washing or rinsing only}
- WARNING**
Group D06F 35/006 is impacted by reclassification into groups D06F 33/36, D06F 33/38, D06F 33/56, D06F 33/58, D06F 34/00, D06F 34/04, D06F 34/34, D06F 2101/00, D06F 2101/20, D06F 2103/00, D06F 2103/70, D06F 2105/50, and D06F 2105/52, D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 35/007
- {for spin-drying only}
- WARNING**
Group D06F 35/007 is impacted by reclassification into groups D06F 33/40, D06F 33/60, D06F 34/00, D06F 34/04, D06F 34/34, D06F 2101/00, D06F 2101/20, D06F 2103/00, D06F 2103/70, D06F 2105/50, and D06F 2105/52, D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 35/008
- {for disinfecting the tub or the drum}
- WARNING**
Group D06F 35/008 is impacted by reclassification into groups D06F 33/43, D06F 33/69, D06F 34/00, D06F 34/34, D06F 2101/00, D06F 2101/20, D06F 2103/00, D06F 2103/70, D06F 2105/50, and D06F 2105/52, D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 37/00
- Details specific to washing machines covered by groups [D06F 21/00](#) - [D06F 25/00](#)**
- WARNING**
Group D06F 37/00 is impacted by reclassification into groups D06F 34/00, D06F 34/34, D06F 2101/00, D06F 2101/20, D06F 2103/00, D06F 2103/70, D06F 2105/50, and D06F 2105/52, D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- U D06F 37/02
- Rotary receptacles, e.g. drums
- U D06F 37/04
- adapted for rotation or oscillation about a horizontal or inclined axis
- M D06F 37/10
- • Doors; Securing means therefor
- WARNING**
Group D06F 37/10 is impacted by reclassification into groups D06F 34/20, D06F 2103/40, and D06F 2105/44.
All groups listed in this Warning should be considered in order to perform a complete search.
- U D06F 37/12
- adapted for rotation or oscillation about a vertical axis
- M D06F 37/18
- • Doors or covers; Securing means therefor
- WARNING**
Group D06F 37/18 is impacted by reclassification into groups D06F 34/20, D06F 2103/40, and D06F 2105/44.
All groups listed in this Warning should be considered in order to perform a complete search.

- U D06F 37/20
- Mountings, e.g. resilient mountings, for the rotary receptacle, motor, tub or casing; Preventing or damping vibrations
- D D06F 37/203
—(Frozen)
- • {Arrangements for detecting or measuring unbalance; Preventing vibrations by regulating the speed of rotation of the drum (sensing vibrations to control introduction of counterbalancing liquid D06F 37/225, D06F 37/245)}
- WARNING
Group D06F 37/203 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/48, D06F 33/76, D06F 34/08, D06F 34/16, D06F 2103/26, and D06F 2103/46.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 37/22
- • in machines with a receptacle rotating or oscillating about a horizontal axis
- WARNING
Group D06F 37/22 is impacted by reclassification into groups D06F 33/48, D06F 33/76, D06F 34/08, and D06F 34/16.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 37/225
- • • {Damping vibrations by displacing, supplying or ejecting a material, e.g. liquid, into or from counterbalancing pockets}
- WARNING
Group D06F 37/225 is impacted by reclassification into groups D06F 33/48, D06F 33/76, D06F 34/08, and D06F 34/16.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 37/24
- • in machines with a receptacle rotating or oscillating about a vertical axis
- WARNING
Group D06F 37/24 is impacted by reclassification into groups D06F 33/48, D06F 33/76, D06F 34/08, and D06F 34/16.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 37/245
- • • {Damping vibrations by displacing, supplying or ejecting a material, e.g. liquid, into or from counterbalancing pockets}
- WARNING
Group D06F 37/245 is impacted by reclassification into groups D06F 33/48, D06F 33/76, D06F 34/08, and D06F 34/16.
All groups listed in this Warning should be considered in order to perform a complete search.
- U D06F 37/26
- Casings; Tubs
- M D06F 37/28
- • Doors; Security means therefor
- WARNING
Group D06F 37/28 is impacted by reclassification into group D06F 34/20.
Groups D06F 37/28 and D06F 34/20 should be considered in order to perform a complete search.
- M D06F 37/30
- Driving arrangements (control circuits or arrangements [D06F 34/08](#))
- WARNING
Group D06F 37/30 is impacted by reclassification into groups D06F 34/08 and D06F 34/10.

~~Groups D06F 37/30, D06F 34/08, and D06F 34/10 should be considered in order to perform a complete search.~~

M D06F 37/302

- {Automatic drum positioning}

WARNING

~~Group(s) D06F 37/302 is impacted by reclassification into group(s) Group D06F 37/302.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

M D06F 37/304

- {Arrangements or adaptations of electric motors}

WARNING

~~Group D06F 37/304 is impacted by reclassification into groups D06F 34/08, D06F 34/10, D06F 2103/24, D06F 2103/46, D06F 2105/46, and D06F 2105/48.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

D D06F 37/306
~~—(Frozen)~~

- • {Control of the reversing movement}

WARNING

~~Group D06F 37/306 is no longer used for the classification of documents as of February 1, 2020.~~

~~The content of this group is being reclassified into groups D06F 34/08 and D06F 34/10.~~

~~Groups D06F 37/306, D06F 34/08, and D06F 34/10 should be considered in order to perform a complete search.~~

M D06F 37/42

- Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door

WARNING

~~Group D06F 37/42 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 33/00, D06F 39/00, D06F 39/081, D06F 39/082, D06F 39/085, D06F 39/086, D06F 39/088, D06F 39/14, D06F 2204/082, and D06F 2204/084.~~

~~Group D06F 37/42 is also impacted by reclassification into groups D06F 34/10, D06F 34/20, D06F 2103/40, D06F 2103/44, D06F 2105/44, D06F 2105/50, and D06F 2105/62.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

M D06F 39/00

Details of washing machines not specific to a single type of machines covered by groups [D06F 9/00](#) - [D06F 27/00](#) (control of washing machines [D06F 33/00](#), [D06F 34/00](#))

WARNING

~~Group D06F 39/00 is impacted by reclassification into groups D06F 31/00, D06F 31/005, D06F 33/00 - D06F 33/76, D06F 37/42, D06F 34/00 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/02 - D06F 2103/70, and D06F 2105/50 - D06F 2105/62.~~

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

M D06F 39/006

- {Recovery arrangements, e.g. for the recovery of energy or water}

WARNING

~~Group D06F 39/006 is impacted by reclassification into groups D06F 33/46, D06F 33/72, D06F 34/08, D06F 34/24, D06F 2103/44, D06F 2103/46, D06F 2103/50, and D06F 2105/26.~~

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/007 • {Arrangements of water softeners}

WARNING

Group D06F 39/007 is impacted by reclassification into group D06F 2103/20. Groups D06F 39/007 and D06F 2103/20 should be considered in order to perform a complete search.

- M D06F 39/008 • {Steam generating arrangements}

WARNING

Group D06F 39/008 is impacted by reclassification into groups D06F 33/65, D06F 2103/62, and D06F 2105/40.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/02 • Devices for adding soap or other washing agents

WARNING

Group D06F 39/02 is impacted by reclassification into groups D06F 33/37, D06F 33/57, and D06F 2103/22.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/022 • • {in a liquid state ([D06F 39/024](#) takes precedence)}

WARNING

Group D06F 39/022 is impacted by reclassification into groups D06F 33/37, D06F 33/57, D06F 34/08, D06F 2103/22, D06F 2105/58, and D06F 2105/60.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/024 • • {mounted on the agitator or the rotating drum; Free body dispensers}

WARNING

Group D06F 39/024 is impacted by reclassification into groups D06F 33/37, D06F 33/57, and D06F 2103/22.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/026 • • {the powder or tablets being added directly, e.g. without the need of a flushing liquid}

WARNING

Group D06F 39/026 is impacted by reclassification into groups D06F 33/37, D06F 33/57, and D06F 2103/22.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/028 • • {Arrangements for selectively supplying water to detergent compartments}

WARNING

Group D06F 39/028 is impacted by reclassification into groups D06F 33/37, D06F 33/57, and D06F 2103/22.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/04
- Heating arrangements
- WARNING
Group D06F 39/04 is incomplete pending reclassification of documents from group D06F 39/045.
Group D06F 39/04 is also impacted by reclassification into groups D06F 34/08, D06F 34/24, D06F 2103/52, D06F 2103/64, D06F 2105/10, and D06F 2105/28. All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 39/045
—(Frozen)
- {Temperature measuring or regulating devices}
- WARNING
Group D06F 39/045 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 34/24, D06F 39/04, D06F 2103/16, and D06F 2105/10.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/06
- Arrangements for preventing or destroying scum
- WARNING
Group D06F 39/06 is impacted by reclassification into groups D06F 34/08, D06F 2105/50, D06F 2105/58, D06F 2105/60, and D06F 2105/62. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/08
- Liquid supply or discharge arrangements (supply of soap or other washing agents [D06F 39/02](#))
- WARNING
Group D06F 39/08 is impacted by reclassification into groups D06F 33/42, D06F 33/47, D06F 33/62, and D06F 33/74.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/081
- {Safety arrangements for preventing water damage}
- WARNING
Group D06F 39/081 is impacted by reclassification into groups D06F 33/47, D06F 33/74, D06F 34/10, D06F 37/42, D06F 2105/58, and D06F 2105/60. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/082
- {detecting faulty draining operations, e.g. filter blockage, faulty pump}
- WARNING
Group D06F 39/082 is impacted by reclassification into groups D06F 33/47, D06F 33/74, D06F 37/42, D06F 2103/42, D06F 2103/48, D06F 2105/58, and D06F 2105/60.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/083
- {Liquid discharge or recirculation arrangements}
- WARNING
Group D06F 39/083 is impacted by reclassification into groups D06F 33/42, D06F 33/47, D06F 33/62, and D06F 33/74.
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 39/085
- • {Arrangements or adaptations of pumps}
- WARNING
Group D06F 39/085 is impacted by reclassification into groups D06F 33/42, D06F 33/47, D06F 33/62, D06F 33/74, D06F 37/42, D06F 2103/42, and D06F 2103/48.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/086
- • {Arrangements for avoiding detergent wastage in the discharge conduit}
- WARNING
Group D06F 39/086 is impacted by reclassification into groups D06F 33/47, D06F 33/74, and D06F 37/42.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/087
- • {Water level measuring or regulating devices}
- WARNING
Group D06F 39/087 is impacted by reclassification into groups D06F 33/47, D06F 33/74, and D06F 2103/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/088
- • {Liquid supply arrangements}
- WARNING
Group D06F 39/088 is impacted by reclassification into groups D06F 33/47, D06F 33/74, and D06F 37/42.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 39/10
- Filtering arrangements
- WARNING
Group D06F 39/10 is impacted by reclassification into group D06F 2103/42.
Groups D06F 39/10 and D06F 2103/42 should be considered in order to perform a complete search.
- M D06F 39/12
- Casings; Tubs
- WARNING
Group D06F 39/12 is impacted by reclassification into groups D06F 34/10 and D06F 34/20.
Groups D06F 39/12, D06F 34/10, and D06F 34/20 should be considered in order to perform a complete search.
- M D06F 39/125
- • {Supporting arrangements for the casing, e.g. rollers or legs}
- WARNING
Group D06F 39/125 is impacted by reclassification into group D06F 34/20.
Groups D06F 39/125 and D06F 34/20 should be considered in order to perform a complete search.
- M D06F 39/14
- • Doors or covers; Securing means therefor
- WARNING
Group D06F 39/14 is impacted by reclassification into groups D06F 33/47, D06F 33/74, D06F 37/42, D06F 34/10, D06F 34/20, D06F 2103/40, and D06F 2105/44.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 58/00

Domestic laundry dryers

NOTE

In this group, it is mandatory to add the indexing codes of groups [D06F 2101/00](#) - [D06F 2105/00](#).

WARNING

Group D06F 58/00 is impacted by reclassification into groups D06F 58/30 - D06F 58/52, D06F 33/50 - D06F 33/76, D06F 34/00 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, and D06F 2105/00 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 58/02

- having dryer drums rotating about a horizontal axis

WARNING

Group D06F 58/02 is impacted by reclassification into groups D06F 34/20, D06F 34/26, D06F 33/50 - D06F 33/76, D06F 34/00 - D06F 34/34, D06F 58/30 - D06F 58/52, D06F 2101/00, D06F 2101/02, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, and D06F 2105/00 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 58/04

- Details (controlling or regulating devices [D06F 34/00](#))

WARNING

Group D06F 58/04 is impacted by reclassification into groups D06F 34/00 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/02 - D06F 2103/08, D06F 2103/20, D06F 2103/22, D06F 2103/40, D06F 2103/68, D06F 2103/70, D06F 2105/44, and D06F 2105/50 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 58/08

- • Driving arrangements

WARNING

Group D06F 58/08 is impacted by reclassification into groups D06F 34/10, D06F 2103/44, D06F 2103/46, D06F 2105/46, and D06F 2105/48.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 58/10

- Drying cabinets or drying chambers having heating or ventilating means

WARNING

Group D06F 58/10 is impacted by reclassification into group D06F 34/26. Groups D06F 58/10 and D06F 34/26 should be considered in order to perform a complete search.

M D06F 58/12

- • having conveying means for moving clothes, e.g. along an endless track

WARNING

Group D06F 58/12 is impacted by reclassification into group D06F 34/26. Groups D06F 58/12 and D06F 34/26 should be considered in order to perform a complete search.

- M D06F 58/14
- Collapsible drying cabinets; Wall mounted collapsible hoods
- WARNING**
Group D06F 58/14 is impacted by reclassification into group D06F 34/26. Groups D06F 58/14 and D06F 34/26 should be considered in order to perform a complete search.
- M D06F 58/20
- General details of domestic laundry dryers ([D06F 59/00](#) takes precedence)
- WARNING**
Group D06F 58/20 is impacted by reclassification into groups D06F 33/63, D06F 33/64, D06F 34/04, D06F 34/05, D06F 34/10, D06F 34/16, D06F 34/18, D06F 34/20, D06F 34/26, D06F 34/34, D06F 58/45, D06F 58/52, D06F 2101/00, D06F 2101/20, D06F 2103/02, D06F 2103/08, D06F 2103/40, D06F 2103/54, D06F 2103/56, D06F 2103/68, D06F 2103/70, D06F 2105/30, D06F 2105/32, D06F 2105/36, D06F 2105/44, and D06F 2105/50, D06F 2105/62. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/203
- {Laundry conditioning arrangements}
- WARNING**
Group D06F 58/203 is impacted by reclassification into groups D06F 33/50, D06F 33/76, D06F 34/00, D06F 34/34, D06F 58/30, D06F 58/52, D06F 2101/00, D06F 2101/20, D06F 2103/00, D06F 2103/70, and D06F 2105/00, D06F 2105/62. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/206
- {Heat pump arrangements}
- WARNING**
Group D06F 58/206 is impacted by reclassification into groups D06F 58/48, D06F 2103/50, and D06F 2105/26. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/22
- Lint collecting arrangements
- WARNING**
Group D06F 58/22 is impacted by reclassification into groups D06F 58/45 and D06F 2105/34. Groups D06F 58/22, D06F 58/45, and D06F 2105/34 should be considered in order to perform a complete search.
- M D06F 58/24
- Condensing arrangements
- WARNING**
Group D06F 58/24 is impacted by reclassification into groups D06F 58/45, D06F 2103/58, and D06F 2105/36. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/26
- Heating arrangements, e.g. gas heating equipment ([D06F 58/18](#) takes precedence)
- WARNING**
Group D06F 58/26 is impacted by reclassification into groups D06F 2103/52 and D06F 2105/28. Groups D06F 58/26, D06F 2103/52, and D06F 2105/28 should be considered in order to perform a complete search.

- M D06F 58/263
- • • {Gas heating equipment}
- WARNING
Group D06F 58/263 is impacted by reclassification into groups D06F 2103/52 and D06F 2105/28.
Groups D06F 58/263, D06F 2103/52, and D06F 2105/28 should be considered in order to perform a complete search.
- M D06F 58/266
- • • {Microwave heating equipment}
- WARNING
Group D06F 58/266 is impacted by reclassification into groups D06F 2103/52, D06F 2103/64, and D06F 2105/28.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/30
- Drying processes (controlling a series of operations in domestic laundry dryers [D06F 58/32](#))
- WARNING
Group D06F 58/30 is incomplete pending reclassification of documents from groups D06F 58/00, D06F 58/02, and D06F 58/203.
Group D06F 58/30 is also impacted by reclassification into groups D06F 33/50 – D06F 33/76, D06F 34/00 – D06F 34/34, D06F 58/30 – D06F 58/52, D06F 2101/00 – D06F 2101/20, D06F 2103/00 – D06F 2103/70, and D06F 2105/00 – D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/32
- Control of operations performed in domestic laundry dryers (control of operations performed in washer-dryers [D06F 33/50](#); details of control systems, e.g. for detecting or measuring specific parameters or for selection or indication of programs [D06F 34/00](#))
- WARNING
Group D06F 58/32 – D06F 58/36 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, and D06F 58/30.
All groups listed in this Warning should be considered in order to perform a complete search.
- U D06F 58/34
- • characterised by the purpose or target of the control
- U D06F 58/36
- • • Control of operational steps, e.g. for optimisation or improvement of operational steps depending on the condition of the laundry
- M D06F 58/38
- • • of drying, e.g. to achieve the target humidity
- WARNING
Group D06F 58/38 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, and D06F 58/30.
Group D06F 58/38 is also impacted by reclassification into groups D06F 58/40, D06F 58/42, D06F 2103/00 – D06F 2103/70, and D06F 2105/00 – D06F 2105/56.
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 58/40
- • • • Control of the initial heating of the drying chamber to its operating temperature
- WARNING
 Group D06F 58/40 – D06F 58/44 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, and D06F 58/38.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/45
- • • Cleaning or disinfection of machine parts, e.g. of heat exchangers or filters
- WARNING
 Group D06F 58/45 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, D06F 58/22, D06F 58/24, and D06F 58/30.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/46
- • • Control of the operating time
- WARNING
 Group D06F 58/46 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, and D06F 58/30.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/48
- • • Control of the energy consumption
- WARNING
 Group D06F 58/48 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/206, and D06F 58/30.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/50
- • • Responding to irregular working conditions, e.g. malfunctioning of blowers
- WARNING
 Group D06F 58/50 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, and D06F 58/30.
 Group D06F 58/50 is also impacted by reclassification into groups D06F 2105/00 – D06F 2105/62.
 All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 58/52
- • • Preventing or reducing noise
- WARNING
 Group D06F 58/52 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, and D06F 58/30.
 All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2101/00 User input for the control of domestic laundry washing machines, washer-dryers or laundry dryers

WARNING

Group D06F 2101/00 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00, D06F 35/001 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00 - D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2202/00, D06F 2202/12, D06F 2204/00, and D06F 2214/00.

Group D06F 2101/00 is also impacted by reclassification into groups D06F 2101/02 - D06F 2101/20.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2101/02 • Characteristics of laundry or load

WARNING

Group D06F 2101/02 - D06F 2101/20 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00 - D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 2101/00, D06F 2202/00, D06F 2202/12, D06F 2204/00, and D06F 2214/00.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/00 Parameters monitored or detected for the control of domestic laundry washing machines, washer-dryers or laundry dryers

WARNING

Group D06F 2103/00 is incomplete pending reclassification of documents from groups D06F 25/00, D06F 33/00, D06F 35/00 - D06F 35/006, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2202/00, and D06F 2202/12.

Group D06F 2103/00 is also impacted by reclassification into groups D06F 2103/02 - D06F 2103/70.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/02 • Characteristics of laundry or load

WARNING

Group D06F 2103/02 - D06F 2103/08 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/18, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00 - D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/10, D06F 2202/12, and D06F 2204/00.

All groups listed in this Warning should be considered in order to perform a complete search.

U D06F 2103/08 • • Humidity

M D06F 2103/10 • • • expressed as capacitance or resistance

WARNING

Group D06F 2103/10 - D06F 2103/12 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/14

- Supply, recirculation or draining of washing liquid

WARNING

Group D06F 2103/14 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/08, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/16

- Washing liquid temperature

WARNING

Group D06F 2103/16 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/045, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/04, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/18

- Washing liquid level

WARNING

Group D06F 2103/18 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/087, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/085, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/20

- Washing liquid condition, e.g. turbidity

WARNING

Group D06F 2103/20 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/22, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 39/007, D06F 58/00 - D06F 58/04, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/02, D06F 2202/12, and D06F 2204/00.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/22

- Content of detergent or additives

WARNING

Group D06F 2103/22 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/22, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 39/00, D06F 39/02 - D06F 39/028, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/02, D06F 2202/12, and D06F 2204/00.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2103/24

- Spin speed; Drum movements

WARNING

Group D06F 2103/24 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 35/007, D06F 37/304, D06F 58/00, D06F 58/02,

- ~~D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/06, D06F 2202/065, and D06F 2202/12.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/26
- Unbalance; Noise level
- WARNING
Group D06F 2103/26 is incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 37/203, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/12, and D06F 2222/00.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/28
- Air properties
- WARNING
Group ~~D06F 2103/28 – D06F 2103/36~~ are incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/38
- Time, e.g. duration
- WARNING
Group D06F 2103/38 is incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/12, D06F 2212/00, D06F 2212/02, D06F 2212/04, D06F 2212/06, and D06F 2220/00.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/40
- Opening or locking status of doors
- WARNING
Group D06F 2103/40 is incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 37/10, D06F 37/18, D06F 37/302, D06F 37/42, D06F 39/14, D06F 58/00 – D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/12, and D06F 2224/00.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/42
- related to filters or pumps
- WARNING
Group D06F 2103/42 is incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 39/082, D06F 39/085, D06F 39/10, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/08, and D06F 2202/12.~~
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2103/44
- Current or voltage
- WARNING
Group D06F 2103/44 is incomplete pending reclassification of documents from groups ~~D06F 33/00, D06F 37/42, D06F 39/006, D06F 58/00, D06F 58/02, D06F 58/08, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.~~

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/46

- of the motor driving the drum

WARNING

Group D06F 2103/46 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 37/203, D06F 37/304, D06F 39/006, D06F 58/00, D06F 58/02, D06F 58/08, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/06, D06F 2202/065, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/48

- of the motor driving the pump

WARNING

Group D06F 2103/48 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/082, D06F 39/085, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/08, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/50

- related to heat pumps, e.g. pressure or flow rate

WARNING

Group D06F 2103/50 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/006, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/206, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/12, and D06F 2226/00.

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/52

- related to electric heating means, e.g. temperature or voltage

WARNING

Group D06F 2103/52 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/04, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/26, D06F 58/263, D06F 58/266, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/04, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/54

- related to blowers or fans

WARNING

Groups D06F 2103/54 – D06F 2103/56 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search:

M D06F 2103/58

- related to condensation, e.g. condensate water level

WARNING

Group D06F 2103/58 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/24, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2103/60
- related to auxiliary conditioning or finishing agents, e.g. filling level of perfume tanks

WARNING

Group D06F 2103/60 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2103/62
- related to systems for water or steam used for conditioning or finishing

WARNING

Group D06F 2103/62 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/008, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2103/64
- Radiation, e.g. microwaves

WARNING

Group D06F 2103/64 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/04, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/266, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, and D06F 2202/12.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2103/66
- for treatment of laundry otherwise than by drying, e.g. using UV light

WARNING

Group D06F 2103/66 is incomplete pending reclassification of documents from groups D06F 19/00, D06F 33/00, D06F 35/00, D06F 35/001, D06F 35/003 – D06F 35/005, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/10, D06F 2202/12, and D06F 2204/10.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2103/68
- Operation mode; Program phase

WARNING

Group D06F 2103/68 – D06F 2103/70 are incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 – D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 2103/00, D06F 2202/00, D06F 2202/12, and D06F 2204/00.

All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2105/00
- **Systems or parameters controlled or affected by the control systems of washing machines, washer-dryers or laundry dryers**

WARNING

Group D06F 2105/00 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2204/00, and D06F 2204/10.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/02

- Water supply

WARNING

Group D06F 2105/02 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2204/08, and D06F 2204/086.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/04

- from separate hot and cold water inlets

WARNING

Group D06F 2105/04 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/088.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/06

- Recirculation of washing liquids, e.g. by pumps or diverting valves

WARNING

Group D06F 2105/06 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2204/08, and D06F 2204/082.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/08

- Draining of washing liquids

WARNING

Group D06F 2105/08 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2204/08, and D06F 2204/084.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/10

- Temperature of washing liquids; Heating means therefor

WARNING

Group D06F 2105/10 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/04, D06F 39/045, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/04.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/12

- Humidity or dryness of laundry

WARNING

Group D06F 2105/12 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/10.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/14

- Temperature of laundry

WARNING

Group D06F 2105/14 - D06F 2105/24 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, and D06F 58/50.

All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/26

- Heat pumps

WARNING

Group D06F 2105/26 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/006, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/206, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2226/00.
All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/28

- Electric heating

WARNING

Group D06F 2105/28 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/04, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/26, D06F 58/263, D06F 58/266, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2202/12, and D06F 2204/04.
All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/30

- Blowers

WARNING

Group D06F 2105/30 – D06F 2105/32 are incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, and D06F 58/50.
All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/34

- Filtering, e.g. control of lint removal devices

WARNING

Group D06F 2105/34 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/22, D06F 58/30, D06F 58/38, and D06F 58/50.
All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/36

- Condensing arrangements, e.g. control of water injection therefor

WARNING

Group D06F 2105/36 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/20, D06F 58/203, D06F 58/24, D06F 58/30, D06F 58/38, and D06F 58/50.
All groups listed in this Warning should be considered in order to perform a complete search.

M D06F 2105/38

- Conditioning or finishing, e.g. control of perfume injection

WARNING

Group D06F 2105/38 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, and D06F 58/50.
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2105/40
- using water or steam
- WARNING**
Group D06F 2105/40 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 39/008, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2202/12. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/42
- Detergent or additive supply
- WARNING**
Group D06F 2105/42 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 58/00, D06F 58/02, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/02. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/44
- Opening, closing or locking of doors
- WARNING**
Group D06F 2105/44 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 37/10, D06F 37/18, D06F 37/302, D06F 37/42, D06F 39/14, D06F 58/00, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2224/00. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/46
- Drum speed; Actuation of motors, e.g. starting or interrupting
- WARNING**
Group D06F 2105/46 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 37/304, D06F 58/00, D06F 58/02, D06F 58/08, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/06. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/48
- Drum speed
- WARNING**
Group D06F 2105/48 is incomplete pending reclassification of documents from groups D06F 33/00, D06F 37/304, D06F 58/00, D06F 58/02, D06F 58/08, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, and D06F 2204/065. All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/50
- Starting machine operation, e.g. delayed start or re-start after power cut
- WARNING**
Group D06F 2105/50 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 - D06F 35/008, D06F 37/00, D06F 37/42, D06F 39/00, D06F 39/06, D06F 58/00 - D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2204/10, and D06F 2212/06. All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2105/52
- Changing sequence of operational steps; Carrying out additional operational steps; Modifying operational steps, e.g. by extending duration of steps
- WARNING**
Group D06F 2105/52 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 -D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2202/00, D06F 2202/12, and D06F 2204/00.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/54
- Changing between normal operation mode and special operation modes, e.g. service mode, component cleaning mode or stand-by mode
- WARNING**
Group D06F 2105/54 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 -D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2214/00, and D06F 2216/00.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/56
- Remaining operation time; Remaining operational cycles
- WARNING**
Group D06F 2105/56 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 -D06F 35/008, D06F 37/00, D06F 39/00, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/38, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2212/00, D06F 2212/02, and D06F 2220/00
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/58
- Indications or alarms to the control system or to the user
- WARNING**
Group D06F 2105/58 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 -D06F 35/008, D06F 37/00, D06F 39/00, D06F 39/022, D06F 39/06, D06F 39/081, D06F 39/082, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2210/00, D06F 2216/00, and D06F 2224/00.-
All groups listed in this Warning should be considered in order to perform a complete search.
- M D06F 2105/60
- Audible signals
- WARNING**
Group D06F 2105/60 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 -D06F 35/008, D06F 37/00, D06F 39/00, D06F 39/022, D06F 39/06, D06F 39/081, D06F 39/082, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2204/10, and D06F 2224/00.-
All groups listed in this Warning should be considered in order to perform a complete search.

- M D06F 2105/62
- Stopping or disabling machine operation
- WARNING**
Group D06F 2105/62 is incomplete pending reclassification of documents from groups D06F 18/00, D06F 25/00, D06F 33/00, D06F 34/28, D06F 35/00 – D06F 35/008, D06F 37/00, D06F 37/42, D06F 39/00, D06F 39/06, D06F 58/00, D06F 58/02, D06F 58/04, D06F 58/20, D06F 58/203, D06F 58/30, D06F 58/50, D06F 2202/00, D06F 2202/12, D06F 2204/00, D06F 2204/10, and D06F 2212/06.
All groups listed in this Warning should be considered in order to perform a complete search.
- D ~~D06F 2202/00~~
~~(Frozen)~~
- Input, e.g. measuring, checking variables (manual setting D06F 2214/00)**
- WARNING**
Group D06F 2202/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 34/00 – D06F 34/34, D06F 2101/00 – D06F 2101/20, D06F 2103/00 – D06F 2103/70, and D06F 2105/50 – D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2202/02
~~(Frozen)~~
- Chemical variables; Condition of the washing liquid
- WARNING**
Group D06F 2202/02 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 2103/20, and D06F 2103/22.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2202/04
~~(Frozen)~~
- Temperature
- WARNING**
Group D06F 2202/04 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50, D06F 33/52, D06F 33/54 – D06F 33/76, D06F 34/24, D06F 2103/16, and D06F 2103/52.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2202/06
~~(Frozen)~~
- Mechanical action on the laundry
- WARNING**
Group D06F 2202/06 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 2103/24, and D06F 2103/46.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2202/065
~~(Frozen)~~
- Rotational speed
- WARNING**
Group D06F 2202/065 is no longer used for the classification of documents as of February 1, 2020.

D06F 2202/065

(Frozen)

(continued)

The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 - D06F 33/76, D06F 2103/24, and D06F 2103/46.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2202/08
—*(Frozen)*

- Liquid supply, circulation or discharge

WARNING

Group D06F 2202/08 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 - D06F 33/76, D06F 2103/14, D06F 2103/42, and D06F 2103/48. All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2202/085
—*(Frozen)*

- • Level

WARNING

Group D06F 2202/085 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 - D06F 33/76, and D06F 2103/18.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2202/10
—*(Frozen)*

- Nature or weight of the laundry

WARNING

Group D06F 2202/10 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30 - D06F 33/76, D06F 2103/02, D06F 2103/04, D06F 2103/06, D06F 2103/08, and D06F 2103/66.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2202/12
—*(Frozen)*

- Other variables, e.g. variation of electrical quantities

WARNING

Group D06F 2202/12 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/36, D06F 33/50 - D06F 33/76, D06F 34/00 - D06F 34/34, D06F 2101/00 - D06F 2101/20, D06F 2103/00 - D06F 2103/70, D06F 2105/28, D06F 2105/40, and D06F 2105/50 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2204/00
—*(Frozen)*

Output, e.g. controlled quantity (display D06F 2216/00)WARNING

Group D06F 2204/00 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/36, D06F 33/38, D06F 33/43 - D06F 33/76, D06F 34/00, D06F 34/04 - D06F 34/34, and D06F 2101/00 - D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

- D D06F 2204/02
—(Frozen)
- Chemical quantities
- WARNING
Group D06F 2204/02 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, and D06F 2105/42.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/04
—(Frozen)
- Heating
- WARNING
Group D06F 2204/04 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, D06F 34/24, D06F 2105/10, and D06F 2105/28
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/06
—(Frozen)
- Mechanical variables, e.g. drum rotation
- WARNING
Group D06F 2204/06 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, and D06F 2105/46.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/065
—(Frozen)
- • having speed control arrangement
- WARNING
Group D06F 2204/065 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, and D06F 2105/48.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/08
—(Frozen)
- Liquid supply, circulation or discharge
- WARNING
Group D06F 2204/08 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, D06F 2105/02, D06F 2105/06, and D06F 2105/08.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/082
—(Frozen)
- • Circulating
- WARNING
Group D06F 2204/082 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, D06F 2105/06, and D06F 37/42.
All groups listed in this Warning should be considered in order to perform a complete search.

- D D06F 2204/084
—(Frozen)
- • Draining
- WARNING
Group D06F 2204/084 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, D06F 37/42 and D06F 2105/08.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/086
—(Frozen)
- • Water supply
- WARNING
Group D06F 2204/086 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/34 – D06F 33/76, and D06F 2105/02.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/088
—(Frozen)
- • • with cold and hot water
- WARNING
Group D06F 2204/088 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/34 – D06F 33/76, and D06F 2105/04.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2204/10
—(Frozen)
- Other output
- WARNING
Group D06F 2204/10 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/36 – D06F 33/76, D06F 34/04, D06F 34/05, D06F 2103/66, D06F 2105/00, D06F 2105/12, D06F 2105/50, D06F 2105/60, and D06F 2105/62.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2210/00
—(Frozen)
- Interfaces, e.g. connections between different parts of the general control system**
- WARNING
Group D06F 2210/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 34/04, D06F 34/05, and D06F 2105/58.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2212/00
—(Frozen)
- Programme or timing arrangements**
- WARNING
Group D06F 2212/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/44, D06F 33/50 – D06F 33/76, D06F 34/06, D06F 2103/38, and D06F 2105/56.

D06F 2212/00

(Frozen)

(continued)

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2212/02
—*(Frozen)*

- Electronic arrangements

WARNING

Group D06F 2212/02 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/44, D06F 33/50 – D06F 33/76, D06F 34/06, D06F 2103/38, and D06F 2105/56.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2212/04
—*(Frozen)*

- Hybrid arrangements

WARNING

Group D06F 2212/04 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/44, D06F 33/50 – D06F 33/76, D06F 34/06, and D06F 2103/38.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2212/06
—*(Frozen)*

- Control of the programmer in the event of stopping of the washing process, e.g. when opening the door or a current failure

WARNING

Group D06F 2212/06 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/44, D06F 33/50 – D06F 33/76, D06F 34/06, D06F 2103/38, D06F 2105/50, and D06F 2105/62.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2214/00
—*(Frozen)*

Manual settingWARNING

Group D06F 2214/00 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 2101/00 – D06F 2101/20, and D06F 2105/54.

All groups listed in this Warning should be considered in order to perform a complete search.

D D06F 2216/00
—*(Frozen)*

Display arrangementsWARNING

Group D06F 2216/00 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 34/04, D06F 34/05, D06F 2105/54, and D06F 2105/58.

All groups listed in this Warning should be considered in order to perform a complete search.

- D D06F 2220/00**
—(Frozen) **Time, e.g. real time to perform one or more operations used to influence one or more of the subsequent operations**
- WARNING
Group D06F 2220/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/44, D06F 33/48 – D06F 33/76, D06F 34/06, D06F 2103/38, and D06F 2105/56.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2222/00**
—(Frozen) **Unbalance arrangements**
- WARNING
Group D06F 2222/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/50 – D06F 33/76, D06F 34/16, and D06F 2103/26.
Groups D06F 2222/00 and Group D06F 2222/00 should be considered in order to perform a complete search.
- D D06F 2224/00**
—(Frozen) **Safety arrangement concerning the opening or closing of the door**
- WARNING
Group D06F 2224/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/47, D06F 33/50 – D06F 33/76, D06F 2103/40, D06F 2105/44, D06F 2105/58, and D06F 2105/60.
All groups listed in this Warning should be considered in order to perform a complete search.
- D D06F 2226/00**
—(Frozen) **Liquid or energy recovery arrangements**
- WARNING
Group D06F 2226/00 is no longer used for the classification of documents as of February 1, 2020.
The content of this group is being reclassified into groups D06F 33/30, D06F 33/46, D06F 33/50 – D06F 33/76, D06F 34/24, D06F 2103/50, and D06F 2105/26.
All groups listed in this Warning should be considered in order to perform a complete search.

Project: RP0610-F (F04B)

- M F04B 1/00** **Multi-cylinder machines or pumps characterised by number or arrangement of cylinders (machines or pumps with pistons coating within one cylinder [F04B 3/00](#))**
- WARNING
Group F04B 1/00 is impacted by reclassification into group F04B 1/03.
Groups F04B 1/00 and F04B 1/03 should be considered in order to perform a complete search.

- M F04B 1/03
- with cylinder axis arranged substantially tangentially to a circle centred on main shaft axis
- WARNING
Group F04B 1/03 is incomplete pending reclassification of documents from group F04B 1/00.
Groups F04B 1/00 and F04B 1/03 should be considered in order to perform a complete search.
- U F04B 1/04
- having cylinders in star- or fan-arrangement
- M F04B 1/06
- • Control
- WARNING
Group F04B 1/06 is incomplete pending reclassification of documents from groups F04B 49/12 - F04B 49/14, and F04B 49/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/063
- • • by using a valve in a system with several pumping chambers wherein the flow-path through the chambers can be changed, e.g. between series and parallel flow
- WARNING
Group F04B 1/063 is incomplete pending reclassification of documents from groups F04B 49/12 - F04B 49/14, and F04B 49/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/066
- • • by changing the phase relationship between the actuating cam and the distributing means
- WARNING
Group F04B 1/066 is incomplete pending reclassification of documents from groups F04B 49/12 - F04B 49/14, and F04B 49/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/07
- • • by varying the relative eccentricity between two members, e.g. a cam and a drive shaft
- WARNING
Group F04B 1/07 is incomplete pending reclassification of documents from groups F04B 49/12 - F04B 49/14, and F04B 49/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/08
- • • regulated by delivery pressure
- WARNING
Group F04B 1/08 is incomplete pending reclassification of documents from groups F04B 49/12 - F04B 49/14, and F04B 49/18.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/10
- • the cylinders being movable, e.g. rotary {(F04B 3/006 takes precedence)}
- WARNING
Group F04B 1/10 is incomplete pending reclassification of documents from groups F04B 1/20 - F04B 1/24.

All groups listed in this Warning should be considered in order to perform a complete search.

- M F04B 1/107
 - • with actuating or actuated elements at the outer ends of the cylinders

WARNING
Group F04B 1/107 is incomplete pending reclassification of documents from groups F04B 1/20, F04B 1/2007, F04B 1/2014, F04B 1/2021, F04B 1/2028, F04B 1/2035, F04B 1/2042, F04B 1/205, F04B 1/2057, F04B 1/2064, F04B 1/2071, F04B 1/2078, F04B 1/2085, F04B 1/2092, F04B 1/22, and F04B 1/24.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/1071
 - • • with rotary cylinder blocks

WARNING
Group F04B 1/1071 is incomplete pending reclassification of documents from groups F04B 1/20 - F04B 1/24.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/1072
 - • • • with cylinder blocks and actuating cams rotating together (in two or more series radial piston-cylinder units [F04B 1/1075](#))

WARNING
Group F04B 1/1072 is incomplete pending reclassification of documents from groups F04B 1/1078, F04B 1/20 - F04B 1/24.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/1074
 - • • • with two or more serially arranged radial piston-cylinder units

WARNING
Groups F04B 1/1074 - F04B 1/1078 are incomplete pending reclassification of documents from groups F04B 1/20 - F04B 1/24.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/113
 - • with actuating or actuated elements at the inner ends of the cylinders

WARNING
Groups F04B 1/113 - F04B 1/1136 are incomplete pending reclassification of documents from groups F04B 1/20 - F04B 1/24.
All groups listed in this Warning should be considered in order to perform a complete search.
- U F04B 1/12
 - having cylinder axes coaxial with, or parallel or inclined to, main shaft axis
- M F04B 1/20
 - • having rotary cylinder block

WARNING
Group F04B 1/20 is impacted by reclassification into groups F04B 1/10 - F04B 1/1136.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 1/2007
 - • Arrangements for pressing the cylinder barrel against the valve plate, e.g. by fluid pressure

WARNING
Group F04B 1/2007 is impacted by reclassification into groups F04B 1/10 - F04B 1/1136.

~~All groups listed in this Warning should be considered in order to perform a complete search.~~

- M F04B 1/2014
- • • Details or component parts

WARNING

~~Groups F04B 1/2014 - F04B 1/2085 are impacted by reclassification into groups F04B 1/10 - F04B 1/1136.
All groups listed in this Warning should be considered in order to perform a complete search.~~

- M F04B 1/2092
- • • Means for connecting rotating cylinder barrels and rotating inclined swash plates

WARNING

~~Group F04B 1/2092 is impacted by reclassification into groups F04B 1/10 - F04B 1/1136.
All groups listed in this Warning should be considered in order to perform a complete search.~~

- M F04B 1/22
- • • having two or more sets of cylinders or pistons

WARNING

~~Groups F04B 1/22 and F04B 1/24 are impacted by reclassification into groups F04B 1/10 - F04B 1/1136.
All groups listed in this Warning should be considered in order to perform a complete search.~~

- U F04B 1/26
- • Control

- M F04B 1/30
- • • of machines or pumps with rotary cylinder blocks

WARNING

~~Group F04B 1/30 is impacted by reclassification into group F04B 1/328.
Groups F04B 1/30 and F04B 1/328 should be considered in order to perform a complete search.~~

- U F04B 1/32
- • • • by varying the relative positions of a swash plate and a cylinder block

- M F04B 1/328
- • • • • by changing the inclination of the axis of the cylinder barrel relative to the swash plate

WARNING

~~Group F04B 1/328 is incomplete pending reclassification of documents from group F04B 1/30.
Groups F04B 1/30 and F04B 1/328 should be considered in order to perform a complete search.~~

- U F04B 23/00 Pumping installations or systems (pumps characterised by combination with, or adaptation to, specific driving engines or motors [F04B 17/00](#))**

- U F04B 23/04
- Combinations of two or more pumps

- U F04B 23/08
- • the pumps being of different types

- M F04B 23/10
- • • at least one pump being of the reciprocating positive-displacement type

WARNING

~~Group F04B 23/10 is impacted by reclassification into groups F04B 23/12 and F04B 23/14.
Groups F04B 23/10, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.~~

- M F04B 23/103
- • • {being a radial piston pump}
- WARNING**
Group F04B 23/103 is impacted by reclassification into groups F04B 23/12 and F04B 23/14. Groups F04B 23/103, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.
- M F04B 23/106
- • • {being an axial piston pump}
- WARNING**
Group F04B 23/106 is impacted by reclassification into groups F04B 23/12 and F04B 23/14. Groups F04B 23/106, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.
- M F04B 23/12
- • • at least one pump being of the rotary-piston positive-displacement type
- WARNING**
Group F04B 23/12 is incomplete pending reclassification of documents from groups F04B 23/10, F04B 23/103, and F04B 23/106. All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 23/14
- • • at least one pump being of the non-positive-displacement type
- WARNING**
Group F04B 23/14 is incomplete pending reclassification of documents from groups F04B 23/10, F04B 23/103, and F04B 23/106. All groups listed in this Warning should be considered in order to perform a complete search.
- U F04B 43/00** **Machines, pumps, or pumping installations having flexible working members (pumps or pumping installations specially adapted for elastic fluids F04B 45/00)**
- M F04B 43/02
- having plate-like flexible members, e.g. diaphragms (F04B 43/14 takes precedence)
- WARNING**
Groups F04B 43/02 – F04B 43/0736 are impacted by reclassification into group F04B 43/14. All groups listed in this Warning should be considered in order to perform a complete search.
- U F04B 43/12
- having peristaltic action
- M F04B 43/14
- • having plate-like flexible members
- WARNING**
Group F04B 43/14 is incomplete pending reclassification of documents from groups F04B 43/02, F04B 43/021, F04B 43/023, F04B 43/025, F04B 43/026, F04B 43/028, F04B 43/04, F04B 43/043, F04B 43/046, F04B 43/06, F04B 43/067, F04B 43/073, F04B 43/0733, and F04B 43/0736. All groups listed in this Warning should be considered in order to perform a complete search.
- U F04B 45/00** **Pumps or pumping installations having flexible working members and specially adapted for elastic fluids**

- M F04B 45/04
- having plate-like flexible members, e.g. diaphragms ([F04B 45/10](#) takes precedence)
- WARNING**
Group F04B 45/04 – F04B 45/0536 are impacted by reclassification into group F04B 45/10.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 45/06
- having tubular flexible members ([F04B 45/02](#), [F04B 45/08](#) take precedence)
- WARNING**
Group F04B 45/06 is impacted by reclassification into groups F04B 45/08 and F04B 45/085.
Groups F04B 45/06, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.
- M F04B 45/061
- • {with fluid drive}
- WARNING**
Groups F04B 45/061 – F04B 45/064 are impacted by reclassification into groups F04B 45/08 and F04B 45/085.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 45/065
- • {with electric drive}
- WARNING**
Group F04B 45/065 is impacted by reclassification into groups F04B 45/08 and F04B 45/085.
Groups F04B 45/065, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.
- M F04B 45/067
- • Pumps having electric drive
- WARNING**
Group F04B 45/067 is impacted by reclassification into groups F04B 45/08 and F04B 45/085.
Groups F04B 45/067, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.
- M F04B 45/073
- • Pumps having fluid drive
- WARNING**
Groups F04B 45/073 – F04B 45/0736 are impacted by reclassification into groups F04B 45/08 and F04B 45/085.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 45/08
- having peristaltic action
- WARNING**
Group F04B 45/08 is incomplete pending reclassification of documents from groups F04B 45/06 – F04B 45/0736.
All groups listed in this Warning should be considered in order to perform a complete search.
- M F04B 45/085
- • {the actuating element being a swash plate}
- WARNING**
Group F04B 45/085 is incomplete pending reclassification of documents from groups F04B 45/06 – F04B 45/0736.

All groups listed in this Warning should be considered in order to perform a complete search:

- M F04B 45/10
- having plate-like flexible members

WARNING

Group F04B 45/10 is incomplete pending reclassification of documents from groups F04B 45/04 – F04B 45/0536.
Groups F04B 45/04 – F04B 45/0536 and F04B 45/10 should be considered in order to perform a complete search:

- U F04B 49/00
- Control {, e.g. of pump delivery, or pump pressure} of, or safety measures for, machines, pumps, or pumping installations, not otherwise provided for, or of interest apart from, groups [F04B 1/00](#) - [F04B 47/00](#)**

NOTE

The classification symbols in group [F04B 49/00](#) and subgroups can be followed by additional symbols preceded by the sign "+". The symbols are applied in subgroups [F04B 49/06](#), [F04B 49/08](#), [F04B 49/16](#) and [F04B 49/225](#). The symbols have the meanings as listed below:

- +C** specially adapted for pumps for elastic fluids, e.g. compressors
- +P** specially adapted for pumps for liquids

- M F04B 49/12
- by varying the length of stroke of the working members

WARNING

Groups F04B 49/12 – F04B 49/14 are impacted by reclassification into groups F04B 1/06 – F04B 1/08.
All groups listed in this Warning should be considered in order to perform a complete search:

- M F04B 49/18
- by changing the effective cross-section of the working surface of the piston

WARNING

Group F04B 49/18 is impacted by reclassification into groups F04B 1/06 – F04B 1/08.
All groups listed in this Warning should be considered in order to perform a complete search:

Project: RP0643-F (G07C)

- U G07C 9/00
- Individual registration on entry or exit**

NOTES

1. This group covers:
 - controlling and registering access of persons to restricted areas or devices
2. This group does not cover:
 - electric permutation locks using mechanical keys, covered by [E05B 49/00](#);
 - apparatus actuated by coded identity cards or credit cards, to free or actuate vending, hiring or money-dispensing, covered by [G07F 7/08](#);
 - access to facilities or services by means of coins or tokens, covered by [G07F 17/00](#);
 - arrangements actuated by coded cards for dispensing or receiving money and posting such transactions to existing accounts, e.g. automatic teller machines, covered by [G07F 19/00](#)
3. Attention is drawn to the following places, which may be of interest for search:
 - [G06K 7/00](#), [G06K 19/00](#) arrangements for sensing or reading record carriers

- [H03K 17/00](#) electronic switching
- [G06K 9/00](#) biometric sensors, recognising biometric patterns
- [A61B 5/117](#) biometric identification used for diagnostic purposes
- [G06F 1/00](#) access to data processing equipment

U G07C 9/20

- involving the use of a pass

M G07C 9/21

- having a variable access code

WARNING

Group G07C 9/21 is incomplete pending reclassification of documents from group G07C 9/27.
Groups G07C 9/27 and G07C 9/21 should be considered in order to perform a complete search.

M G07C 9/27

- with central registration

WARNING

Group G07C 9/27 is impacted by reclassification into group G07C 9/21.
Groups G07C 9/27 and G07C 9/21 should be considered in order to perform a complete search.

Project: RP0651-F (G02B)

M G02B 30/00

Optical systems or apparatus for producing three-dimensional [3D] effects, e.g. stereoscopic images (in microscopes [G02B 21/22](#))

WARNING

Group G02B 30/00 is impacted by reclassification into groups G02B 30/10, G02B 30/20, and G02B 30/22.
All groups listed in this Warning should be considered in order to perform a complete search.

M G02B 30/10

- using integral imaging methods

WARNING

Group G02B 30/10 is incomplete pending reclassification of documents from group G02B 30/00.
Groups G02B 30/00 and G02B 30/10 should be considered in order to perform a complete search.

M G02B 30/20

- by providing first and second parallax images to an observer's left and right eyes

WARNING

Group G02B 30/20 is incomplete pending reclassification of documents from group G02B 30/00.
Groups G02B 30/00 and G02B 30/20 should be considered in order to perform a complete search.

M G02B 30/22

- of the stereoscopic type

WARNING

Group G02B 30/22 is incomplete pending reclassification of documents from group G02B 30/00.
Groups G02B 30/00 and G02B 30/22 should be considered in order to perform a complete search.

M G02B 30/26

- of the autostereoscopic type

WARNING

Group G02B 30/26 is impacted by reclassification into groups G02B 30/28, G02B 30/29, G02B 30/30, G02B 30/31, G02B 30/32, and G02B 30/33.

All groups listed in this Warning should be considered in order to perform a complete search.

U G02B 30/27

- • • involving lenticular arrays

M G02B 30/28

- • • involving active lenticular arrays

WARNING

Group G02B 30/28 is incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/28 should be considered in order to perform a complete search.

M G02B 30/29

- • • characterised by the geometry of the lenticular array, e.g. slanted arrays, irregular arrays or arrays of varying shape or size

WARNING

Group G02B 30/29 is incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/29 should be considered in order to perform a complete search.

M G02B 30/30

- • • involving parallax barriers

WARNING

Group G02B 30/30 is incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/30 should be considered in order to perform a complete search.

M G02B 30/31

- • • involving active parallax barriers (involving directional light or back-light sources [G02B 30/33](#))

WARNING

Group G02B 30/31 is incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/31 should be considered in order to perform a complete search.

M G02B 30/32

- • • characterised by the geometry of the parallax barriers, e.g. staggered barriers, slanted parallax arrays or parallax arrays of varying shape or size

WARNING

Group G02B 30/32 is incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/32 should be considered in order to perform a complete search.

M G02B 30/33

- • • involving directional light or back-light sources

WARNING

Group G02B 30/33 is/are incomplete pending reclassification of documents from group G02B 30/26.

Groups G02B 30/26 and G02B 30/33 should be considered in order to perform a complete search.

Project: RP0671-F (D03D)

U D03D 1/00

Woven fabrics designed to make specified articles

- M D03D 1/0035 · {Protective fabrics}
- WARNING**
Group D03D 1/0035 is impacted by reclassification into group D03D 1/0043. Groups D03D 1/0035 and D03D 1/0043 should be considered in order to perform a complete search.
- M D03D 1/0043 · {for elongated members, i.e. sleeves}
- WARNING**
Group D03D 1/0043 is incomplete pending reclassification of documents from groups D03D 1/0035 and D03D 3/02. Groups D03D 1/0035, D03D 3/02 and D03D 1/0043 should be considered in order to perform a complete search.
- U D03D 3/00 Woven fabrics characterised by their shape**
- M D03D 3/02 · Tubular fabrics
- WARNING**
Group D03D 3/02 is impacted by reclassification into group D03D 1/0043. Groups D03D 1/0043 and D03D 3/02 should be considered in order to perform a complete search.

Project: RP0675 (H04M)

- U H04M 1/00 Substation equipment, e.g. for use by subscribers (subscriber services or facilities provided at exchanges [H04M 3/00](#); prepayment telephone coin boxes [H04M 17/00](#); current supply arrangements [H04M 19/08](#))**
- U H04M 1/02 · Constructional features of telephone sets
- U H04M 1/0202 · {Portable telephone sets, e.g. cordless phones, mobile phones or bar type handsets (constructional features of telephone transmitters or receivers, e.g. of speakers or microphones [H04M 1/03](#))}
- U H04M 1/026 · . . {Details of the structure or mounting of specific components}
- U H04M 1/0266 · . . . {for a display module assembly}
- C H04M 1/0268 · {including a flexible display panel}
- WARNING**
Group [H04M 1/0268](#) is impacted by reclassification into group [H04M 1/0269](#). Groups [H04M 1/0268](#) and [H04M 1/0269](#) should be considered in order to perform a complete search.
- N [H04M 1/0269](#) · {mounted in a fixed curved configuration, e.g. display curved around the edges of the telephone housing}
- WARNING**
Group [H04M 1/0269](#) is incomplete pending reclassification of documents from group [H04M 1/0268](#). Groups [H04M 1/0268](#) and [H04M 1/0269](#) should be considered in order to perform a complete search.
- U H04M 1/72 · Mobile telephones; Cordless telephones, i.e. devices for establishing wireless links to base stations without route selection
- U H04M 1/724 · . User interfaces specially adapted for cordless or mobile telephones
- U H04M 1/72403 · . . with means for local support of applications that increase the functionality

- C H04M 1/72409 by interfacing with external accessories (hands-free [H04M 1/60](#))
- WARNING**
 Group [H04M 1/72409](#) is impacted by reclassification into groups [H04M 1/724092](#), [H04M 1/724094](#), [H04M 1/724095](#), [H04M 1/724097](#) and [H04M 1/724098](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N H04M 1/724092 {Interfacing with an external cover providing additional functionalities}
- WARNING**
 Group [H04M 1/724092](#) is incomplete pending reclassification of documents from group [H04M 1/72409](#).
 Groups [H04M 1/72409](#) and [H04M 1/724092](#) should be considered in order to perform a complete search.
- N H04M 1/724094 {Interfacing with a device worn on the user's body to provide access to telephonic functionalities, e.g. accepting a call, reading or composing a message}
- WARNING**
 Groups [H04M 1/724094](#), [H04M 1/724095](#) and [H04M 1/724097](#) are incomplete pending reclassification of documents from group [H04M 1/72409](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- N H04M 1/724095 {Worn on the wrist, hand or arm}
- N H04M 1/724097 {Worn on the head}
- N H04M 1/724098 {Interfacing with an on-board device of a vehicle (for hands-free speaking in vehicles [H04M 1/6075](#))}
- WARNING**
 Group [H04M 1/724098](#) is incomplete pending reclassification of documents from group [H04M 1/72409](#).
 Groups [H04M 1/72409](#) and [H04M 1/724098](#) should be considered in order to perform a complete search.
- U H04M 1/72448 . . . with means for adapting the functionality of the device according to specific conditions
- C H04M 1/72463 to restrict the functionality of the device
- WARNING**
 Group [H04M 1/72463](#) is impacted by reclassification into groups [H04M 1/724631](#) and [H04M 1/724634](#).
 Groups [H04M 1/72463](#), [H04M 1/724631](#) and [H04M 1/724634](#) should be considered in order to perform a complete search.
- N H04M 1/724631 {by limiting the access to the user interface, e.g. locking a touch-screen or a keypad}
- WARNING**
 Groups [H04M 1/724631](#) and [H04M 1/724634](#) are incomplete pending reclassification of documents from group [H04M 1/72463](#).
 Groups [H04M 1/72463](#), [H04M 1/724631](#) and [H04M 1/724634](#) should be considered in order to perform a complete search.
- N H04M 1/724634 {With partially locked states, e.g. when some telephonic functional locked states or applications remain accessible in the locked states}

Project: RP0715 (C12N)

D	C12N 2700/00	Viruses
		<administratively transferred to C12N 2796/00 ADD >
N	C12N 2710/00 - C12N 2999/00	<u>Viruses</u>
M	C12N 2710/00	dsDNA Viruses viruses (not used)
M	C12N 2710/00011	• dsDNA Viruses Details
M	C12N 2710/00088	• • Ferfor redistribution
U	C12N 2710/10011	• • Adenoviridae
M	C12N 2710/10088	• • • Ferfor redistribution
U	C12N 2710/10111	• • • Atadenovirus, e.g. ovine adenovirus D
M	C12N 2710/10188	• • • • Ferfor redistribution
U	C12N 2710/10211	• • • Aviadenovirus, e.g. fowl adenovirus A
M	C12N 2710/10288	• • • • Ferfor redistribution
U	C12N 2710/10311	• • • Mastadenovirus, e.g. human or simian adenoviruses
M	C12N 2710/10388	• • • • Ferfor redistribution
U	C12N 2710/12011	• Asfarviridae
M	C12N 2710/12088	• • • Ferfor redistribution
U	C12N 2710/14011	• Baculoviridae
M	C12N 2710/14088	• • • Ferfor redistribution
U	C12N 2710/16011	• Herpesviridae
M	C12N 2710/16088	• • • Ferfor redistribution
U	C12N 2710/16111	• • • Cytomegalovirus, e.g. human herpesvirus 5
M	C12N 2710/16188	• • • • Ferfor redistribution
U	C12N 2710/16211	• • • Lymphocryptovirus, e.g. human herpesvirus 4, Epstein-Barr Virus
M	C12N 2710/16288	• • • • Ferfor redistribution
U	C12N 2710/16311	• • • Maredivirus, e.g. Gallid herpesvirus 2, Marek-like viruses, turkey HV
M	C12N 2710/16388	• • • • Ferfor redistribution
U	C12N 2710/16411	• • • Rhadinovirus, e.g. human herpesvirus 8
M	C12N 2710/16488	• • • • Ferfor redistribution
U	C12N 2710/16511	• • • Roseolovirus, e.g. human herpesvirus 6, 7
M	C12N 2710/16588	• • • • Ferfor redistribution
U	C12N 2710/16611	• • • Simplexvirus, e.g. human herpesvirus 1, 2
M	C12N 2710/16688	• • • • Ferfor redistribution
U	C12N 2710/16711	• • • Varicellovirus, e.g. human herpesvirus 3, Varicella Zoster, pseudorabies
M	C12N 2710/16788	• • • • Ferfor redistribution
U	C12N 2710/18011	• Nimaviridae
M	C12N 2710/18088	• • • Ferfor redistribution
U	C12N 2710/20011	• Papillomaviridae
M	C12N 2710/20088	• • • Ferfor redistribution
U	C12N 2710/22011	• Polyomaviridae, e.g. polyoma, SV40, JC
M	C12N 2710/22088	• • • Ferfor redistribution
U	C12N 2710/24011	• Poxviridae
M	C12N 2710/24088	• • • Ferfor redistribution

U	C12N 2710/24111	. . . Orthopoxvirus, e.g. vaccinia virus, variola
M	C12N 2710/24188	. . . . Ferfor redistribution
U	C12N 2710/24211	. . . Parapoxvirus, e.g. Orf virus
M	C12N 2710/24288	. . . . Ferfor redistribution
M	C12N 2720/00	dsRNA Viruses viruses (not used)
M	C12N 2720/00011	. dsRNA Viruses Details
M	C12N 2720/00088	. . Ferfor redistribution
U	C12N 2720/10011	. . Birnaviridae
M	C12N 2720/10088	. . . Ferfor redistribution
U	C12N 2720/12011	. . Reoviridae
M	C12N 2720/12088	. . . Ferfor redistribution
U	C12N 2720/12111	. . . Orbivirus, e.g. bluetongue virus
M	C12N 2720/12188	. . . . Ferfor redistribution
U	C12N 2720/12211	. . . Orthoreovirus, e.g. mammalian orthoreovirus
M	C12N 2720/12288	. . . . Ferfor redistribution
U	C12N 2720/12311	. . . Rotavirus, e.g. rotavirus A
M	C12N 2720/12388	. . . . Ferfor redistribution
M	C12N 2730/00	Reverse Transcribing DNA Viruses transcribing DNA viruses (not used)
M	C12N 2730/00011	. Reverse Transcribing DNA Viruses Details
M	C12N 2730/00088	. . Ferfor redistribution
U	C12N 2730/10011	. . Hepadnaviridae
M	C12N 2730/10088	. . . Ferfor redistribution
U	C12N 2730/10111	. . . Orthohepadnavirus, e.g. hepatitis B virus
M	C12N 2730/10188	. . . . Ferfor redistribution
M	C12N 2740/00	Reverse Transcribing RNA Viruses transcribing RNA viruses (not used)
M	C12N 2740/00011	. Reverse Transcribing RNA Viruses Details
M	C12N 2740/00088	. . Ferfor redistribution
U	C12N 2740/10011	. . Retroviridae
M	C12N 2740/10088	. . . Ferfor redistribution
U	C12N 2740/11011	. . . Alpharetrovirus, e.g. avian leucosis virus
M	C12N 2740/11088	. . . . Ferfor redistribution
U	C12N 2740/12011	. . . Betaretrovirus, e.g. mouse mammary tumour virus
M	C12N 2740/12088	. . . . Ferfor redistribution
U	C12N 2740/13011	. . . Gammaretrovirus, e.g. murine leukaemia virus
M	C12N 2740/13088	. . . . Ferfor redistribution
U	C12N 2740/14011	. . . Deltaretrovirus, e.g. bovine leukaemia virus
M	C12N 2740/14088	. . . . Ferfor redistribution
U	C12N 2740/15011	. . . Lentivirus, not HIV, e.g. FIV, SIV
M	C12N 2740/15088	. . . . Ferfor redistribution
U	C12N 2740/16011	. . . Human Immunodeficiency Virus, HIV
M	C12N 2740/16088	. . . . Ferfor redistribution
U	C12N 2740/16111	. . . . concerning HIV env
M	C12N 2740/16188	. . . . . Ferfor redistribution

U	C12N 2740/16211	. . . . concerning HIV gagpol
M	C12N 2740/16288	. . . . . Forfor redistribution
U	C12N 2740/16311	. . . . concerning HIV regulatory proteins
M	C12N 2740/16388	. . . . . Forfor redistribution
U	C12N 2740/17011	. . . Spumavirus, e.g. chimpanzee foamy virus
M	C12N 2740/17088	. . . . Forfor redistribution
M	C12N 2750/00	ssDNA Viruses viruses (not used)
M	C12N 2750/00011	. ssDNA Viruses Details
M	C12N 2750/00088	. . Forfor redistribution
U	C12N 2750/10011	. . Circoviridae
M	C12N 2750/10088	. . . Forfor redistribution
U	C12N 2750/12011	. . Geminiviridae
M	C12N 2750/12088	. . . Forfor redistribution
U	C12N 2750/14011	. . Parvoviridae
M	C12N 2750/14088	. . . Forfor redistribution
U	C12N 2750/14111	. . . Dependovirus, e.g. adenoassociated viruses
M	C12N 2750/14188	. . . . Forfor redistribution
U	C12N 2750/14211	. . . Erythrovirus, e.g. B19 virus
M	C12N 2750/14288	. . . . Forfor redistribution
U	C12N 2750/14311	. . . Parvovirus, e.g. minute virus of mice
M	C12N 2750/14388	. . . . Forfor redistribution
M	C12N 2760/00	ssRNA Viruses viruses negative-sense (not used)
M	C12N 2760/00011	. ssRNA Viruses negative-sense Details
M	C12N 2760/00088	. . Forfor redistribution
U	C12N 2760/10011	. . Arenaviridae
M	C12N 2760/10088	. . . Forfor redistribution
U	C12N 2760/10111	. . . Deltavirus, e.g. hepatitis delta virus
M	C12N 2760/10188	. . . . Forfor redistribution
U	C12N 2760/12011	. . Bunyaviridae
M	C12N 2760/12088	. . . Forfor redistribution
U	C12N 2760/12111	. . . Hantavirus, e.g. Hantaan virus
M	C12N 2760/12188	. . . . Forfor redistribution
U	C12N 2760/12211	. . . Phlebovirus, e.g. Rift Valley fever virus
M	C12N 2760/12288	. . . . Forfor redistribution
U	C12N 2760/14011	. . Filoviridae
M	C12N 2760/14088	. . . Forfor redistribution
U	C12N 2760/14111	. . . Ebolavirus, e.g. Zaire ebolavirus
M	C12N 2760/14188	. . . . Forfor redistribution
U	C12N 2760/14211	. . . Marburgvirus, e.g. lake Victoria marburgvirus
M	C12N 2760/14288	. . . . Forfor redistribution
U	C12N 2760/16011	. . Orthomyxoviridae
M	C12N 2760/16088	. . . Forfor redistribution
U	C12N 2760/16111	. . . Influenzavirus A, i.e. influenza A virus
M	C12N 2760/16188	. . . . Forfor redistribution

U	C12N 2760/16211	. . . Influenzavirus B, i.e. influenza B virus
M	C12N 2760/16288	. . . . Ferfor redistribution
U	C12N 2760/16311	. . . Influenzavirus C, i.e. influenza C virus
M	C12N 2760/16388	. . . . Ferfor redistribution
U	C12N 2760/18011	. . Paramyxoviridae
M	C12N 2760/18088	. . . Ferfor redistribution
U	C12N 2760/18111	. . . Avulavirus, e.g. Newcastle disease virus
M	C12N 2760/18188	. . . . Ferfor redistribution
U	C12N 2760/18211	. . . Henipavirus, e.g. hendra virus
M	C12N 2760/18288	. . . . Ferfor redistribution
U	C12N 2760/18311	. . . Metapneumovirus, e.g. avian pneumovirus
M	C12N 2760/18388	. . . . Ferfor redistribution
U	C12N 2760/18511	. . . Pneumovirus, e.g. human respiratory syncytial virus
M	C12N 2760/18588	. . . . Ferfor redistribution
U	C12N 2760/18611	. . . Respirovirus, e.g. Bovine, human parainfluenza 1,3
M	C12N 2760/18688	. . . . Ferfor redistribution
U	C12N 2760/18711	. . . Rubulavirus, e.g. mumps virus, parainfluenza 2,4
M	C12N 2760/18788	. . . . Ferfor redistribution
U	C12N 2760/18811	. . . Sendai virus
M	C12N 2760/18888	. . . . Ferfor redistribution
U	C12N 2760/20011	. . Rhabdoviridae
M	C12N 2760/20088	. . . Ferfor redistribution
U	C12N 2760/20111	. . . Lyssavirus, e.g. rabies virus
M	C12N 2760/20188	. . . . Ferfor redistribution
U	C12N 2760/20211	. . . Vesiculovirus, e.g. vesicular stomatitis Indiana virus
M	C12N 2760/20288	. . . . Ferfor redistribution
M	C12N 2770/00	ssRNA Viruses viruses positive-sense (not used)
M	C12N 2770/00011	. ssRNA Viruses positive-sense Details
M	C12N 2770/00088	. . Ferfor redistribution
U	C12N 2770/10011	. . Arteriviridae
M	C12N 2770/10088	. . . Ferfor redistribution
U	C12N 2770/12011	. . Astroviridae
M	C12N 2770/12088	. . . Ferfor redistribution
U	C12N 2770/14011	. . Bromoviridae
M	C12N 2770/14088	. . . Ferfor redistribution
U	C12N 2770/16011	. . Caliciviridae
M	C12N 2770/16088	. . . Ferfor redistribution
U	C12N 2770/18011	. . Comoviridae
M	C12N 2770/18088	. . . Ferfor redistribution
U	C12N 2770/20011	. . Coronaviridae
M	C12N 2770/20088	. . . Ferfor redistribution
U	C12N 2770/22011	. . Dicistroviridae
M	C12N 2770/22088	. . . Ferfor redistribution
U	C12N 2770/24011	. . Flaviviridae

M	C12N 2770/24088	. . . Ferfor redistribution
U	C12N 2770/24111	. . . Flavivirus, e.g. yellow fever virus, dengue, JEV
M	C12N 2770/24188	. . . Ferfor redistribution
U	C12N 2770/24211	. . . Hepacivirus, e.g. hepatitis C virus, hepatitis G virus
M	C12N 2770/24288	. . . Ferfor redistribution
U	C12N 2770/24311	. . . Pestivirus, e.g. bovine viral diarrhea virus
M	C12N 2770/24388	. . . Ferfor redistribution
U	C12N 2770/26011	. . Flexiviridae
M	C12N 2770/26088	. . . Ferfor redistribution
U	C12N 2770/28011	. . Hepeviridae
M	C12N 2770/28088	. . . Ferfor redistribution
U	C12N 2770/28111	. . . Hepevirus, e.g. hepatitis E virus
M	C12N 2770/28188	. . . Ferfor redistribution
U	C12N 2770/30011	. . Nodaviridae
M	C12N 2770/30088	. . . Ferfor redistribution
U	C12N 2770/32011	. . Picornaviridae
M	C12N 2770/32088	. . . Ferfor redistribution
U	C12N 2770/32111	. . . Aphthovirus, e.g. footandmouth disease virus
M	C12N 2770/32188	. . . Ferfor redistribution
U	C12N 2770/32211	. . . Cardiovirus, e.g. encephalomyocarditis virus
M	C12N 2770/32288	. . . Ferfor redistribution
U	C12N 2770/32311	. . . Enterovirus
M	C12N 2770/32388	. . . Ferfor redistribution
U	C12N 2770/32411	. . . Hepatovirus, i.e. hepatitis A virus
M	C12N 2770/32488	. . . Ferfor redistribution
U	C12N 2770/32511	. . . Parechovirus, e.g. human parechovirus
M	C12N 2770/32588	. . . Ferfor redistribution
U	C12N 2770/32611	. . . Poliovirus
M	C12N 2770/32688	. . . Ferfor redistribution
U	C12N 2770/32711	. . . Rhinovirus
M	C12N 2770/32788	. . . Ferfor redistribution
U	C12N 2770/34011	. . Potyviridae
M	C12N 2770/34088	. . . Ferfor redistribution
U	C12N 2770/36011	. . Togaviridae
M	C12N 2770/36088	. . . Ferfor redistribution
U	C12N 2770/36111	. . . Alphavirus, e.g. Sindbis virus, VEE, EEE, WEE, Semliki
M	C12N 2770/36188	. . . Ferfor redistribution
U	C12N 2770/36211	. . . Rubivirus, e.g. rubella virus
M	C12N 2770/36288	. . . Ferfor redistribution
U	C12N 2770/38011	. . Tombusviridae
M	C12N 2770/38088	. . . Ferfor redistribution
U	C12N 2770/40011	. . Tymoviridae
M	C12N 2770/40088	. . . Ferfor redistribution
M	C12N 2780/00	Naked RNA Viruses viruses(not used)

M	C12N 2780/00011	· Naked RNA Viruses <i>Details</i>
M	C12N 2780/00088	· · Forfor redistribution
U	C12N 2780/10011	· · Narnaviridae
M	C12N 2780/10088	· · · Forfor redistribution
M	C12N 2790/00	Viroids and/or subviral agents (not used)
M	C12N 2790/00011	· Viroids and subviral agents <i>Details</i>
M	C12N 2790/00088	· · Forfor redistribution
U	C12N 2790/10011	· · Prions
M	C12N 2790/10088	· · · Forfor redistribution
U	C12N 2790/12011	· · Satellite viruses
M	C12N 2790/12088	· · · Forfor redistribution
U	C12N 2790/14011	· · Viroids
M	C12N 2790/14088	· · · Forfor redistribution
M	C12N 2792/00	Archaeobacteria viruses (not used)
M	C12N 2792/00011	· Archaeobacteria viruses <i>Details</i>
M	C12N 2792/00088	· · Forfor redistribution
U	C12N 2792/10011	· · Fuselloviridae
M	C12N 2792/10088	· · · Forfor redistribution
U	C12N 2792/12011	· · Guttaviridae
M	C12N 2792/12088	· · · Forfor redistribution
M	C12N 2795/00	Bacteriophages (not used)
M	C12N 2795/00011	· Bacteriophages <i>Details</i>
M	C12N 2795/00088	· · Forfor redistribution
U	C12N 2795/10011	· · dsDNA Bacteriophages
M	C12N 2795/10088	· · · Forfor redistribution
U	C12N 2795/10111	· · · Myoviridae
M	C12N 2795/10188	· · · · Forfor redistribution
U	C12N 2795/10211	· · · Podoviridae
M	C12N 2795/10288	· · · · Forfor redistribution
U	C12N 2795/10311	· · · Siphoviridae
M	C12N 2795/10388	· · · · Forfor redistribution
U	C12N 2795/12011	· · dsRNA Bacteriophages
M	C12N 2795/12088	· · · Forfor redistribution
U	C12N 2795/14011	· · ssDNA Bacteriophages
M	C12N 2795/14088	· · · Forfor redistribution
U	C12N 2795/14111	· · · Inoviridae
M	C12N 2795/14188	· · · · Forfor redistribution
U	C12N 2795/14211	· · · Microviridae
M	C12N 2795/14288	· · · · Forfor redistribution
U	C12N 2795/16011	· · ssRNA Bacteriophages negative-sense
M	C12N 2795/16088	· · · Forfor redistribution
U	C12N 2795/18011	· · ssRNA Bacteriophages positive-sense
M	C12N 2795/18088	· · · Forfor redistribution

- U C12N 2795/18111 . . . Leviviridae
- M C12N 2795/18188 . . . **Forfor** redistribution
- N C12N 2796/00** **Viruses not covered by groups [C12N 2710/00](#) - [C12N 2795/00](#)**
- M C12N 2999/00** **Further aspects of viruses or vectors not covered by **the groups** ~~C12N 2700/00~~ [C12N 2710/00](#) - [C12N 2796/00](#) or [C12N 2800/00](#) series**

NOTES

1. This group is for classification of patent and non-patent literature documents.
2. When classifying non-patent literature in this group, classification must also be given for the relevant CPC groups, to define the technical area to which they relate.

Project: RP0717 (H04N)

- U H04N 1/00** **Scanning, transmission or reproduction of documents or the like, e.g. facsimile transmission; Details thereof**
- M H04N 1/32 . Circuits or arrangements for control or supervision between transmitter and receiver {or between image input and image output device, *e.g. between a still-image camera and its memory or between a still-image camera and a printer device* ([H04N 1/38](#), [H04N 1/387](#) take precedence)}
- U H04N 2201/00** **Indexing scheme relating to scanning, transmission or reproduction of documents or the like, and to details thereof**
- M H04N 2201/32 . Circuits or arrangements for control or supervision between transmitter and receiver or between image input and image output device, *e.g. between a still-image camera and its memory or between a still-image camera and a printer device*
- U H04N 2201/3201 . . Display, printing, storage or transmission of additional information, e.g. ID code, date and time or title
- U H04N 2201/3225 . . . of data relating to an image, a page or a document
- C H04N 2201/325 Modified version of the image, e.g. part of the image, image reduced in size or resolution, thumbnail or scrennail

WARNING

Group [H04N 2201/325](#) is impacted by reclassification into group [H04N 2201/3251](#).

Groups [H04N 2201/325](#) and [H04N 2201/3251](#) should be considered in order to perform a complete search.

- N H04N 2201/3251** *where the modified version of the image is relating to a person or face*
- WARNING
- Group [H04N 2201/3251](#) is incomplete pending reclassification of documents from group [H04N 2201/325](#).*
- Groups [H04N 2201/325](#) and [H04N 2201/3251](#) should be considered in order to perform a complete search.*

Project: RP0740 (A61B)

- M A61B 1/00 Instruments for performing medical examinations of the interior of cavities or tubes of the body by visual or photographic inspection, e.g. endoscopes (examination of body cavities or body tracts using ultrasonic, sonic or infrasonic waves [A61B 8/12](#); ~~instruments, e.g. endoscopes, for taking a cell sample~~ [A61B 10/00](#); ~~endoscopic cutting instruments~~ [A61B 17/32](#); ~~endoscopic instruments for taking cell samples or for biopsy~~ [A61B 10/04](#); ~~for surgical purposes~~ [A61B 17/00](#); ~~endoscopic surgical {cutting} instruments {A61B 17/32}~~; surgical instruments using a laser beam being directed along or through a flexible conduit [A61B 18/22](#); ~~technical endoscopes~~ [G02B 23/24](#)); Illuminating arrangements therefor (for the eyes [A61B 3/00](#))
- U A61B 1/00002 · {Operational features of endoscopes}
- U A61B 1/00004 · {characterised by electronic signal processing}
- U A61B 1/00006 · · {of control signals}
- C A61B 1/00009 · · · {of image signals *during a use of endoscope*}; (~~G06T takes precedence~~)
- WARNING**
Group [A61B 1/00009](#) is impacted by reclassification into groups [A61B 1/000094](#), [A61B 1/000095](#) and [A61B 1/000096](#). All groups listed in this Warning should be considered in order to perform a complete search.
- N A61B 1/000094 · · · {extracting biological structures}
- WARNING**
Group [A61B 1/000094](#) is incomplete pending reclassification of documents from group [A61B 1/00009](#). Groups [A61B 1/00009](#) and [A61B 1/000094](#) should be considered in order to perform a complete search.
- N A61B 1/000095 · · · {for image enhancement}
- WARNING**
Group [A61B 1/000095](#) is incomplete pending reclassification of documents from group [A61B 1/00009](#). Groups [A61B 1/00009](#) and [A61B 1/000095](#) should be considered in order to perform a complete search.
- N A61B 1/000096 · · · {using artificial intelligence}
- WARNING**
Group [A61B 1/000096](#) is incomplete pending reclassification of documents from group [A61B 1/00009](#). Groups [A61B 1/00009](#) and [A61B 1/000096](#) should be considered in order to perform a complete search.
- M A61B 1/00011 · {characterised by **data**signal transmission}
- U A61B 1/00025 · {characterised by power management}
- U A61B 1/00036 · · {Means for power saving, e.g. sleeping mode}
- C A61B 1/00039 · {provided with **data**-input arrangements for the user}
- WARNING**
Group [A61B 1/00039](#) is impacted by reclassification into groups [A61B 1/0004](#) and [A61B 1/00042](#). Groups [A61B 1/00039](#), [A61B 1/0004](#) and [A61B 1/00042](#) should be considered in order to perform a complete search.

- N A61B 1/0004 . . . {for electronic operation}
WARNING
 Group [A61B 1/0004](#) is incomplete pending reclassification of documents from group [A61B 1/00039](#).
 Groups [A61B 1/00039](#) and [A61B 1/0004](#) should be considered in order to perform a complete search.
- D A61B 1/00041 . . . {for user message recording}
 <administratively transferred to [A61B 1/0004](#)>
- N A61B 1/00042 . . . {for mechanical operation}
WARNING
 Group [A61B 1/00042](#) is incomplete pending reclassification of documents from group [A61B 1/00039](#).
 Groups [A61B 1/00039](#) and [A61B 1/00042](#) should be considered in order to perform a complete search.
- M A61B 1/00043 . . . {provided with **signal** output arrangements}
- U A61B 1/00045 . . . {Display arrangement}
- M A61B 1/0005 {**for multiple images** combining images e.g. side-by-side, superimposed or tiled}
- U A61B 1/00064 . {Constructional details of the endoscope body}
- U A61B 1/00071 . . {Insertion part of the endoscope body ([A61B 1/0055](#) takes precedence)}
- C A61B 1/0008 . . . {characterised by distal tip features}
WARNING
 Group [A61B 1/0008](#) is impacted by reclassification into group [A61B 1/00097](#).
 Groups [A61B 1/0008](#) and [A61B 1/00097](#) should be considered in order to perform a complete search.
- U A61B 1/00096 {Optical elements}
- N A61B 1/00097 {Sensors}
WARNING
 Group [A61B 1/00097](#) is incomplete pending reclassification of documents from group [A61B 1/0008](#).
 Groups [A61B 1/0008](#) and [A61B 1/00097](#) should be considered in order to perform a complete search.
- U A61B 1/00112 . {Connection or coupling means}
- M A61B 1/00114 . . {Electrical cables **for connection to external units** in or with an endoscope}
- M A61B 1/00117 . . {Optical cables, **e.g. for connection to an external light source** in or with an endoscope}
- M A61B 1/00119 . . {Tubes or pipes, **e.g. for fluid supply to the** in or with an endoscope}
- U A61B 1/00131 . {Accessories for endoscopes}
- M A61B 1/00133 . . {Drive units, **e.g. for endoscopic tools** for endoscopic tools inserted through or with the endoscope}
- M A61B 1/00135 . . {Oversleeves **mounted on the endoscope prior to insertion**} ([A61B 1/00142](#) takes precedence)}
- M A61B 1/00137 . . {End pieces **at either end of the endoscope**, e.g. caps, seals, or forceps plugs}
- M A61B 1/0014 . . {Fastening **elements** element for attaching accessories to the outside of an endoscope **shaft**, e.g. clips, clamps or bands}

- C A61B 1/00147
- {Holding or positioning arrangements}
- WARNING**
Group [A61B 1/00147](#) is impacted by reclassification into group [A61B 1/00148](#). Groups [A61B 1/00147](#) and [A61B 1/00148](#) should be considered in order to perform a complete search.
- N A61B 1/00148
- • {using anchoring means}
- WARNING**
Group [A61B 1/00148](#) is incomplete pending reclassification of documents from group [A61B 1/00147](#). Groups [A61B 1/00147](#) and [A61B 1/00148](#) should be considered in order to perform a complete search.
- M A61B 1/00154
- • {using **guide tubes** *guiding arrangements for insertion*}
- C A61B 1/00163
- {Optical arrangements ([A61B 1/002](#), [A61B 1/06](#) take precedence)}
- WARNING**
Group [A61B 1/00163](#) is impacted by reclassification into group [A61B 1/00194](#). Groups [A61B 1/00163](#) and [A61B 1/00194](#) should be considered in order to perform a complete search.
- U A61B 1/00193
- • {adapted for stereoscopic vision}
- N A61B 1/00194
- • {adapted for three-dimensional imaging}
- WARNING**
Group [A61B 1/00194](#) is incomplete pending reclassification of documents from group [A61B 1/00163](#). Groups [A61B 1/00163](#) and [A61B 1/00194](#) should be considered in order to perform a complete search.
- C A61B 1/005
- Flexible endoscopes
- WARNING**
Group [A61B 1/005](#) is impacted by reclassification into group [A61B 1/009](#). Groups [A61B 1/005](#) and [A61B 1/009](#) should be considered in order to perform a complete search.
- U A61B 1/008
- • Articulations
- N A61B 1/009
- • {with bending or curvature detection of the insertion part}
- WARNING**
Group [A61B 1/009](#) is incomplete pending reclassification of documents from group [A61B 1/005](#). Groups [A61B 1/005](#) and [A61B 1/009](#) should be considered in order to perform a complete search.
- C A61B 1/04
- combined with photographic or television appliances-~~{camera adapters G03B 17/48}~~
- WARNING**
Group [A61B 1/04](#) is impacted by reclassification into groups [A61B 1/044](#) and [A61B 1/046](#). Groups [A61B 1/04](#), [A61B 1/044](#) and [A61B 1/046](#) should be considered in order to perform a complete search.
- U A61B 1/043
- • {for fluorescence imaging}

- N A61B 1/044
- {for absorption imaging}
- WARNING
Group [A61B 1/044](#) is incomplete pending reclassification of documents from group [A61B 1/04](#).
Groups [A61B 1/04](#) and [A61B 1/044](#) should be considered in order to perform a complete search.
- M A61B 1/045
- Control ~~therefor~~*thereof*
- N A61B 1/046
- {for infrared imaging}
- WARNING
Group [A61B 1/046](#) is incomplete pending reclassification of documents from group [A61B 1/04](#).
Groups [A61B 1/04](#) and [A61B 1/046](#) should be considered in order to perform a complete search.
- C A61B 1/06
- with illuminating arrangements
- WARNING
Group [A61B 1/06](#) is impacted by reclassification into groups [A61B 1/0605](#), [A61B 1/0625](#), [A61B 1/0627](#) and [A61B 1/0655](#).
All groups listed in this Warning should be considered in order to perform a complete search.
- N A61B 1/0605
- {for spatially modulated illumination}
- WARNING
Group [A61B 1/0605](#) is incomplete pending reclassification of documents from group [A61B 1/06](#).
Groups [A61B 1/06](#) and [A61B 1/0605](#) should be considered in order to perform a complete search.
- U A61B 1/0623
- {for off-axis illumination}
- N A61B 1/0625
- {for multiple fixed illumination angles}
- WARNING
Group [A61B 1/0625](#) is incomplete pending reclassification of documents from group [A61B 1/06](#).
Groups [A61B 1/06](#) and [A61B 1/0625](#) should be considered in order to perform a complete search.
- N A61B 1/0627
- {for variable illumination angles}
- WARNING
Group [A61B 1/0627](#) is incomplete pending reclassification of documents from group [A61B 1/06](#).
Groups [A61B 1/06](#) and [A61B 1/0627](#) should be considered in order to perform a complete search.
- M A61B 1/063
- {for monochromatic *or narrow-band* illumination}
- U A61B 1/0653
- {with wavelength conversion}
- N A61B 1/0655
- {Control therefor}
- WARNING
Group [A61B 1/0655](#) is incomplete pending reclassification of documents from group [A61B 1/06](#).
Groups [A61B 1/06](#) and [A61B 1/0655](#) should be considered in order to perform a complete search.

Project: RP0748 (Y10T)

D	Y10T 477/00 - Y10T 477/00	<u>Former US Class 477 Series</u>
D	Y10T 477/00	Interrelated power delivery controls, including engine control
D	Y10T 477/10	• Steering by driving
D	Y10T 477/20	• Plural engines
D	Y10T 477/23	• • Electric engine
D	Y10T 477/24	• • • with brake control
D	Y10T 477/26	• • • with clutch control
D	Y10T 477/27	• • with clutch control
D	Y10T 477/30	• Electric engine
D	Y10T 477/32	• • with clutch control
D	Y10T 477/322	• • • with brake control
D	Y10T 477/3225	• • • • Stopped at end of cycle
D	Y10T 477/323	• • • Engine stopped at end of cycle
D	Y10T 477/325	• • • Common controller
D	Y10T 477/327	• • • Electric clutch
D	Y10T 477/328	• • • Speed responsive
D	Y10T 477/33	• • with transmission control
D	Y10T 477/333	• • • Load motion limit control
D	Y10T 477/337	• • • Transmission change by moving engine
D	Y10T 477/34	• • • Reversible engine
D	Y10T 477/343	• • • Engine starting interlock
D	Y10T 477/347	• • • Condition responsive engine control
D	Y10T 477/35	• Brake engaged when engine energy deactivated, brake disengaged when engine energy activated
D	Y10T 477/357	• • • Cam actuated brake
D	Y10T 477/363	• • • Electrically actuated brake
D	Y10T 477/37	• Brake actuation opens switch to engine
D	Y10T 477/373	• • • Electrically actuated brake
D	Y10T 477/377	• • • Fluid actuated brake
D	Y10T 477/38	• Control means selectively operates engine energy input and brake
D	Y10T 477/387	• • • Fluid actuated brake
D	Y10T 477/393	• • • Electrically actuated brake
D	Y10T 477/40	• Gas turbine engine
D	Y10T 477/45	• Continuously variable transmission
D	Y10T 477/50	• with supercharger
D	Y10T 477/55	• Manifold pressure control
D	Y10T 477/60	• Transmission control
D	Y10T 477/606	• Differential transmission
D	Y10T 477/613	• Plural outputs
D	Y10T 477/619	• Continuously variable friction transmission
D	Y10T 477/6197	• • • with fluid drive
D	Y10T 477/6203	• • • with clutch control
D	Y10T 477/621	• • • with brake control

D	Y10T 477/6217	. . . Interrelated control of diverse transmissions
D	Y10T 477/6223	. . . Constant speed output
D	Y10T 477/623	. . . Controlled by engine map
D	Y10T 477/6237	. . . Belt-type
D	Y10T 477/624	. . . Fluid pressure control
D	Y10T 477/6242	. . . Ratio change controlled
D	Y10T 477/62423	. . . Engine coast braking
D	Y10T 477/62427	. . . with electric valve control
D	Y10T 477/62429	. . . Duty ratio control
D	Y10T 477/6243	. . . Fluid pressure control
D	Y10T 477/625	. . Fluid resistance inhibits rotation of planetary transmission element
D	Y10T 477/631	. . including fluid drive
D	Y10T 477/633	. . Impeller-turbine-type
D	Y10T 477/6333	. . Engine-controlled
D	Y10T 477/6337	. . with countershaft gearing
D	Y10T 477/63378	. . and turbine shaft brake
D	Y10T 477/63385	. . and clutch control
D	Y10T 477/63393	. . Control of or by fluid drive
D	Y10T 477/634	. . with hydrodynamic braking
D	Y10T 477/6343	. . with nonratio brake
D	Y10T 477/6347	. . Control responsive to fluid drive
D	Y10T 477/635	. . with clutch control
D	Y10T 477/6351	. . Disengaged during shift
D	Y10T 477/6352	. . Speed responsive
D	Y10T 477/63525	. . Electrical
D	Y10T 477/6353	. . with fluid unit vane control
D	Y10T 477/6357	. . Fill and empty-type fluid units
D	Y10T 477/636	. . Ratio control
D	Y10T 477/637	. . with planetary transmission control
D	Y10T 477/638	. . with clutch control
D	Y10T 477/6388	. . and brake control
D	Y10T 477/6389	. . Temperature responsive control
D	Y10T 477/639	. . Engine-controlled
D	Y10T 477/6392	. . Clutch-controlled
D	Y10T 477/6394	. . Gearing-controlled
D	Y10T 477/6395	. . Temperature responsive control
D	Y10T 477/6403	. . Clutch, engine, and transmission-controlled
D	Y10T 477/6407	. . Electronic digital control
D	Y10T 477/641	. . Clutch and transmission-controlled
D	Y10T 477/6414	. . Speed responsive control
D	Y10T 477/6415	. . with manual override
D	Y10T 477/6417	. . Vacuum-actuated clutch
D	Y10T 477/6418	. . Clutch and engine-controlled
D	Y10T 477/6422	. . Speed responsive control

- D Y10T 477/6424 Plural speed signals
- D Y10T 477/6425 . . . Clutch controlled
- D Y10T 477/6428 Electric clutch
- D Y10T 477/643 Vacuum-actuated clutch
- D Y10T 477/6432 Electric control
- D Y10T 477/6433 . . . Engine controlled
- D Y10T 477/6437 Speed responsive
- D Y10T 477/644 . . with brake control
- D Y10T 477/646 . . . Anti-creep
- D Y10T 477/647 . . . Brake controls transmission
- D Y10T 477/648 Pressure controlled
- D Y10T 477/649 . . . One control blocks another
- D Y10T 477/65 . . Control by sensed ambient condition, pattern indicia, external signal, or temperature
- D Y10T 477/653 . . . Temperature control
- D Y10T 477/656 . . Engine starting interlock
- D Y10T 477/663 . . Exhaust emission control
- D Y10T 477/669 . . Engine ignition control for transmission change
- D Y10T 477/67 . . . Ignition advanced or retarded
- D Y10T 477/671 . . . Ignition intermitting and safety means limiting duration of intermission
- D Y10T 477/673 . . . Ignition intermitting controlled by manifold pressure
- D Y10T 477/674 . . . Ignition intermitting initiated by positioning accelerator
- D Y10T 477/6745 Initiation inhibited by sensed condition
- D Y10T 477/675 . . Engine controlled by transmission
- D Y10T 477/676 . . . Constant output shaft speed
- D Y10T 477/677 . . . Diminution during transmission change
- D Y10T 477/679 . . . Responsive to transmission output condition
- D Y10T 477/68 . . . Transmission setting contingent
- D Y10T 477/6805 Change to neutral idles engine
- D Y10T 477/6808 Engine input variable in neutral
- D Y10T 477/681 . . Anticreep
- D Y10T 477/688 . . Transmission controlled by engine
- D Y10T 477/689 . . . Shift from neutral shock control
- D Y10T 477/6895 Pressure controlled
- D Y10T 477/69 . . . Engine [coast] braking
- D Y10T 477/691 Electric valve control
- D Y10T 477/692 . . . by acceleration
- D Y10T 477/693 . . . by input manifold pressure or engine fuel control
- D Y10T 477/6931 Selector-type
- D Y10T 477/6933 with positive shift means
- D Y10T 477/69335 with synchronization
- D Y10T 477/6934 Prevents unsafe or unintentional shift
- D Y10T 477/6935 Reverse inhibitor
- D Y10T 477/6936 Shift valve control

D	Y10T 477/69362	. . . . . Hysteresis
D	Y10T 477/693625	. . . . . Electric control
D	Y10T 477/69363	. . . . . Plural shift valves
D	Y10T 477/693635	. . . . . Electric control
D	Y10T 477/693636	. . . . . Downshift control
D	Y10T 477/693637	. . . . . Kickdown
D	Y10T 477/693638	. . . . . Selector valve overrule
D	Y10T 477/69364	. . . . . Downshift control
D	Y10T 477/693643	. . . . . Kickdown
D	Y10T 477/693645	. . . . . Selector valve overrule
D	Y10T 477/69365	. . . . . Electric control
D	Y10T 477/69366	. . . . . Downshift control
D	Y10T 477/69367	. . . . . Downshift control
D	Y10T 477/693675	. . . . . Kickdown
D	Y10T 477/69368	. . . . . Selector valve overrule
D	Y10T 477/6937	. . . . Servo motor timing
D	Y10T 477/69373	. . . . . Downshift
D	Y10T 477/693738	. . . . . with fluid accumulator
D	Y10T 477/693742	. . . . . Electric valve control
D	Y10T 477/693746	. . . . . Double acting servo
D	Y10T 477/693754	. . . . . Speed responsive control
D	Y10T 477/693762	. . . . . Electric valve control
D	Y10T 477/69377	. . . . . with fluid accumulator
D	Y10T 477/69378	. . . . . Engine parameter controls back pressure
D	Y10T 477/69379	. . . . . Electric valve control
D	Y10T 477/6938	. . . . . Double acting servo
D	Y10T 477/69383	. . . . . Speed responsive control
D	Y10T 477/69387	. . . . . Electric valve control
D	Y10T 477/6939	. . . . Transmission pressure controlled
D	Y10T 477/69393	. . . . . Variable capacity pump
D	Y10T 477/69395	. . . . . Line pressure controlled
D	Y10T 477/693958	. . . . . Responsive to speed
D	Y10T 477/693962	. . . . . Electric valve control
D	Y10T 477/693964	. . . . . Duty ratio control
D	Y10T 477/693965	. . . . . Transmission setting contingent
D	Y10T 477/693973	. . . . . Electric valve control
D	Y10T 477/69398	. . . . . Electric valve control
D	Y10T 477/694	. . Engine control linkage mounted on manual gearshift lever
D	Y10T 477/70	. Clutch control
D	Y10T 477/71	. . with starter
D	Y10T 477/73	. . with fluid drive
D	Y10T 477/735	. . . Speed responsive control
D	Y10T 477/74	. . with brake control
D	Y10T 477/743	. . . Clutch controlled

- D Y10T 477/745 and brake controlled
- D Y10T 477/747 . . . Engine controlled
- D Y10T 477/75 . . Condition responsive control
- D Y10T 477/753 . . . Speed responsive
- D Y10T 477/755 Slip rate control
- D Y10T 477/757 . . . Overload release
- D Y10T 477/759 Engine shut off
- D Y10T 477/76 . . Electric clutch
- D Y10T 477/78 . . Regulated clutch engagement
- D Y10T 477/79 . . Engine controlled by clutch control
- D Y10T 477/80 . Brake control
- D Y10T 477/81 . . Sensed condition responsive control of engine or brake
- D Y10T 477/813 . . . Brake
- D Y10T 477/814 and engine
- D Y10T 477/816 Speed or acceleration responsive
- D Y10T 477/817 . . . Speed or acceleration responsive
- D Y10T 477/82 . . Plural diverse brake means
- D Y10T 477/83 . . Engine energy control having adjusting and holding device, with means on brake control to override holding device
- D Y10T 477/833 . . . Holding device engaged by electric means
- D Y10T 477/835 Magnetic holding device
- D Y10T 477/837 . . . Mechanical holding device engaged by mechanical means
- D Y10T 477/839 Device or means including a threaded shaft, rack or ratchet
- D Y10T 477/84 . . Brake control having holding device, with means on engine control to override holding device
- D Y10T 477/847 . . . Holding device responsive to motion, speed or acceleration
- D Y10T 477/85 Holding device comprising brake valve operated by solenoid
- D Y10T 477/853 . . . Holding device engaged by electric means
- D Y10T 477/857 Holding device comprising brake valve operated by solenoid
- D Y10T 477/86 . . Brake engaged when engine energy deactivated, brake disengaged when engine energy is activated
- D Y10T 477/865 . . . Internal combustion engine
- D Y10T 477/868 Controls brake valve
- D Y10T 477/869 Vacuum actuated brake
- D Y10T 477/87 . . Brake condition change modifies engine condition
- D Y10T 477/873 . . . Brake actuation interrupts ignition circuit of fluid engine
- D Y10T 477/877 . . . Brake actuation decreases or eliminates fluid energy input to engine
- D Y10T 477/878 by closing throttle valve
- D Y10T 477/879 by preventing increasing operation of engine energy control
- D Y10T 477/88 . . Decreasing fluid energy input to engine actuates brake
- D Y10T 477/89 . . Control means selectively operates engine energy input and brake
- D Y10T 477/893 . . . Foot operated control means
- D Y10T 477/8936 Engine and brake control including interconnected elements
- D Y10T 477/8941 Pivots and translates
- D Y10T 477/8944 Pivots about intermediate fulcrum

- D Y10T 477/8947 Pivots about two fulcrums
- D Y10T 477/8953 Pivots about intermediate fulcrum
- D Y10T 477/8959 Lever reciprocates on moveable supports at both ends
- D Y10T 477/8964 Pivots for sequential operation
- D Y10T 477/897 Control means including fluid passage