

## Compilation of Changes to the CPC Scheme Between 2014.02 and 2014.06

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### Presentation Details

Entries for new symbols and headings:	<i>Black text in italics</i>
Entries for existing symbols and headings	
—text insertions:	<i>Green text in italics with yellow background</i>
—text deletions:	<del>Red strikethrough text with grey background</del>
Entries for deleted symbols and headings:	<del>Black strikethrough text</del>

- 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.

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### Project: MP0114 (B63B)

M	B63B 22/00	Buoys( <i>{floating decoys, e.g. for waterfowl A01M 31/06;}</i> means for indicating the location of underwater objects <a href="#">B63C 7/26</a> ; life-buoys, e.g. rings <a href="#">B63C 9/08</a> ; { mountings of acoustic transducer in underwater equipment, e.g. sonobuoys <a href="#">G10K 11/006</a> ; electric cables supported on or from floats <a href="#">H02G 9/12</a> })
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### Project: MP0114 (C12Q)

M	C12Q 2533/00	<i>{Reactions characterised by the enzymatic reaction principle used}</i>
M	C12Q 2535/00	<i>{Reactions characterised by the assay type for determining the identity of a nucleotide base}</i>
M	C12Q 2537/00	<i>{Reactions characterised by the reaction format or use of a specific feature}</i>
M	C12Q 2539/00	<i>{Reactions characterised by analysis of gene expression or genome comparison}</i>
M	C12Q 2541/00	<i>{Reactions characterised by directed evolution}</i>
M	C12Q 2543/00	<i>{Reactions characterised by the reaction site, e.g. cell or chromosome}</i>
M	C12Q 2545/00	<i>{Reactions characterised by their quantitative nature}</i>
M	C12Q 2547/00	<i>{Reactions characterised by the features used to prevent contamination}</i>
M	C12Q 2549/00	<i>{Reactions characterised by the features used to influence the efficiency or specificity}</i>

### Project: MP0114 (C23C)

U	C23C 18/00	Chemical coating by decomposition of either liquid compounds or solutions of the coating forming compounds, without leaving reaction products of surface material in the coating( chemical surface reaction <a href="#">C23C 8/00</a> , <a href="#">C23C 22/00</a> ); Contact plating  <u>NOTE</u> This groups covers also suspensions containing reactive liquids and non-reactive solid particles.
U	C23C 18/02	• by thermal decomposition

- U C23C 18/12
- characterised by the deposition of inorganic material other than metallic material

WARNING

Groups [C23C 18/1204](#) to [C23C 18/1295](#) are not complete pending a reorganisation. See also this group

- M C23C 18/1204
- • • {inorganic material, e.g. non-oxide and non-metallic such as sulfides, nitrides based compounds}

## Project: MP0114 (E02D)

- M E02D 2450/00 {Gaskets}

## Project: MP0114 (F02B)

- M F02B 2275/00 {Other engines, components or details, not provided for in other groups of this subclass}

## Project: MP0114 (F25D)

- M F25D 2303/00 {Details of devices using other cold materials; Details of devices using cold-storage bodies}
- M F25D 2317/00 {Details or arrangements for circulating cooling fluids; Details or arrangements for circulating gas, e.g. air, within refrigerated spaces, not provided for in other groups of this subclass}
- M F25D 2321/00 {Details or arrangements for defrosting; Preventing frosting; Removing condensed or defrost water, not provided for in other groups of this subclass}
- M F25D 2323/00 {General constructional features not provided for in other groups of this subclass}
- M F25D 2325/00 {Charging, supporting or discharging the articles to be cooled, not provided for in other groups of this subclass}
- M F25D 2327/00 {Lighting arrangements not provided for in other groups of this subclass}
- M F25D 2331/00 {Details or arrangements of other cooling or freezing apparatus not provided for in other groups of this subclass}

## Project: MP0114 (G03B)

- M G03B 2215/00 {Special procedures for taking photographs; Apparatus therefor}

## Project: MP0114 (G10K)

- M G10K 2200/00 {Details of methods or devices for transmitting, conducting or directing sound in general}

## Project: MP0114 (H04L)

- M H04L 2212/00 {Details not provided for in other groups of this subclass}
- M H04L 2212/002 • {Packet embedding}

**Project: RP0039 (F02M)**

- U F02M 63/00** Other fuel-injection apparatus having pertinent characteristics not provided for in groups [F02M 39/00](#) to [F02M 57/00](#) or [F02M 67/00](#); Details, component parts, or accessories of fuel-injection apparatus, not provided for in, or of interest apart from, the apparatus of groups [F02M 39/00](#) to [F02M 61/00](#) or [F02M 67/00](#); { Combination of fuel pump with other devices, e.g. lubricating oil pump }

NOTE

- in this group the following indexing codes are used: [F02M 2700/05](#),  
[F02M 2700/072](#)

**Project: RP0067 (F01N)**

- U F01N 13/00** Exhaust or silencing apparatus characterised by constructional features; { Exhaust or silencing apparatus, or parts thereof, having pertinent characteristics not provided for in, or of interest apart from, groups [F01N 1/00](#) to [F01N 5/00](#), [F01N 9/00](#), [F01N 11/00](#) }
- U F01N 13/008** • {Mounting or arrangement of exhaust sensors in or on exhaust apparatus( sensor arrangements for engine control [F02D 41/1439](#) )}
- N F01N 13/009** • {having two or more separate purifying devices arranged in series}
- N F01N 13/0093** • • {the purifying devices are of the same type}
- N F01N 13/0097** • • {the purifying devices are arranged in a single housing}
- N F01N 13/011** • {having two or more purifying devices arranged in parallel}
- N F01N 13/017** • • {the purifying devices are arranged in a single housing}
- U F01N 13/02** • having two or more separate silencers in series
- D F01N 2013/023** • • with two or more of the same type of purifying devices in series
- D F01N 2013/026** • • in a single housing
- U F01N 13/04** • having two or more silencers in parallel e.g. having interconnections for multi-cylinder engines
- D F01N 2013/045** • • in a single housing

**Project: N/A (F02M)**

- D F02M 2063/0082** • Details of fuel-injection apparatus, not otherwise provided for  
WARNING  
This group and its subgroups are no longer used for classification of new documents. The backlog is being transferred to other groups of R02M
- D F02M 2063/0084** • • Fuel-injection apparatus with piezo-electric or magnetostrictive elements
- D F02M 2063/0085** • • Arrangements of springs for valves used in fuel injectors or fuel injection pumps
- D F02M 2063/0087** • • Linkage between actuator and actuated element, e.g. between piezoelectric actuator and needle valve or pump plunger
- D F02M 2063/0089** • • • hydraulic
- D F02M 2063/0091** • • • with means for filling or emptying hydraulic chamber, e.g. for compensating clearance or thermal expansion
- D F02M 2063/0092** • • Fuel injection apparatus manufacture, repair or assembly
- D F02M 2063/0094** • • Mounting of fuel injection apparatus
- D F02M 2063/0096** • • Selection of particular materials
- D F02M 2063/0098** • • Fuel-injection apparatus having means for maintaining safety not otherwise provided for

**Project: N/A (F23G)****U F23G 2900/00****Special features of, or arrangements for incinerators**

- U F23G 2900/70
  - Incinerating particular products or waste
- D F23G 2900/70001
  - • Air-bags or seat belt pre-tensioners
- D F23G 2900/70002
  - • Animal fat, e.g. lard, tallow, stearin
- D F23G 2900/70003
  - • Incinerating litter from animals, e.g. poultry litter
- D F23G 2900/70004
  - • Incinerating contaminated animal meals
- D F23G 2900/70005
  - • Incinerating used asbestos
- D F23G 2900/70006
  - • Incinerating used automobiles
- D F23G 2900/70007
  - • Incinerating or pyrolysing used batteries
- D F23G 2900/70008
  - • Incinerating remains of building materials after demolishing, e.g. fibreglass asphalt shingles
- D F23G 2900/70009
  - • Incinerating human or animal corpses or remains
- D F23G 2900/70011
  - • Incinerating PCB-materials
- D F23G 2900/70012
  - • Incinerating rice or grain husks, hulls or bran
- D F23G 2900/70013
  - • Incinerating oil shales

**Project: N/A (F41H)****U F41H 11/00**

**Defence installations; Defence devices (constructional aspects see Section E, e.g. {air-raid shelters} [E04H 9/04](#); {protective arrangements for buildings [E04B 1/92](#); extinguishing or preventing the spread of fire from, incendiary bombs [A62C 3/06](#) ; dynamic armour [F41H 5/007](#); ballistically deployed systems for restraining persons or animals [F41H 13/0006](#); electronic countermeasures [G01S](#)))**

- U F41H 11/12
  - Means for clearing land minefields; Systems specially adapted for detection of landmines
- U F41H 11/16
  - • Self-propelled mine-clearing vehicles; Mine-clearing devices attachable to vehicles
- D F41H 11/161
  - • • {with ground impacting means, e.g. flails or stamping elements}
- D F41H 11/162
  - • • {with ground penetrating elements (F41H 11/161 takes precedence)}
- D F41H 11/164
  - • • • {the elements being ploughs}
- D F41H 11/165
  - • • • {the elements being rotary ground penetrating elements}
- D F41H 11/167
  - • • {with surface dosering, brushing or sweeping means or with collecting means}
- D F41H 11/168
  - • • {with rollers}

**Project: N/A (G02B)****U G02B 6/00****Light guides**

- U G02B 6/24
  - Coupling light guides( for electric waveguides [H01P 1/00](#) )
- U G02B 6/26
  - • Optical coupling means( [G02B 6/36](#) , [G02B 6/42](#) take precedence )
- U G02B 6/28
  - • • having data bus means, i.e. plural waveguides interconnected and providing an inherently bidirectional system by mixing and splitting signals
- U G02B 6/2804
  - • • • {forming multipart couplers without wavelength selective elements, e.g. "T" couplers, star couplers}
- G02B 2006/2865
  - • • • • couplers of the 3x33x3 type