

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

AGRICULTURE

A01 AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

A01G HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING ([picking of fruits, vegetables, hops or the like A01D 46/00](#); [propagating unicellular algae C12N 1/12](#))

WARNINGS

- The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
[A01G 33/02](#) covered by [A01G 33/00](#)
- 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.

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.

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.

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.

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.

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.

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.

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.

| | | | |
|-------------|--|----------|--|
| 3/00 | Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (forestry delimiters A01G 23/095) | 7/045 | . . {with electric lighting} |
| 3/002 | . {for comminuting plant waste (comminuting by cutting implements in general B02C 18/00)} | | WARNING |
| 2003/005 | . {Removing buds} | | Group A01G 7/045 is incomplete pending reclassification of documents from group A01G 9/26 . |
| 2003/007 | . {Using spray} | | Groups A01G 9/26 and A01G 7/045 should be considered in order to perform a complete search. |
| 3/02 | . Secateurs; Flower or fruit shears | 7/06 | . Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeing flowers or wood, for prolonging the life of plants |
| 3/021 | . . {characterized by the arrangement of pivots} | | 9/00 |
| 2003/023 | . . {with means for grasping or collecting the cut objects} | | Cultivation in receptacles, forcing-frames or greenhouses (of mushrooms A01G 18/00; soilless cultivation A01G 31/00); Edging for beds, lawn or the like |
| 3/025 | . . having elongated or extended handles | | WARNING |
| 3/0251 | . . . {Loppers, i.e. branch cutters with two handles (hedge shears A01G 3/0475)} | | Group A01G 9/00 is impacted by reclassification into groups A01G 18/00 , A01G 18/60 and A01G 9/28 . |
| 3/0255 | . . . {Tree pruners, i.e. pruning shears carried at the end of a pole} | | Groups A01G 9/00 , A01G 18/00 , A01G 18/60 and A01G 9/28 should be considered in order to perform a complete search. |
| 3/033 | . . having motor-driven blades | 2009/003 | . {Receptacles consisting of separable sections, e.g. for allowing easy removal of the plant} |
| 3/0335 | . . . {having elongated or extended handles} | 9/006 | . {Labels or label holders specially adapted for plant receptacles} |
| 3/037 | . . . the driving means being an electric motor | 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 |
| 3/04 | . Apparatus for trimming hedges, e.g. hedge shears | 9/021 | . . {Pots formed in one piece; Materials used therefor} |
| 3/0408 | . . {specially adapted for trellis work, e.g. machines for pruning vine or the like (preliminary pruning vines A01G 17/023 ; defoliating machines A01G 17/026)} | 9/022 | . . {Pots for vertical horticulture} |
| 3/0417 | . . {Guiding frames for trimming hedges} | 9/023 | . . . {Multi-tiered planters} |
| 3/0426 | . . {Machines for pruning vegetation on embankments and road-sides} | 9/024 | . . . {Hanging flower pots and baskets} |
| 3/0435 | . . {Machines specially adapted for shaping plants, e.g. topiaries} | 9/025 | . . . {Containers and elements for greening walls (for covering roofs A01G 9/033)} |
| 2003/0443 | . . {with height-adjustable platforms} | 9/026 | . . {Foldable pots} |
| 2003/0452 | . . {with platforms for persons} | 9/027 | . . {Pots connected in horizontal rows} |
| 2003/0461 | . . {with reciprocating knives} | 9/028 | . . {Multi-compartmented pots} |
| 3/047 | . . portable | 9/029 | . . Receptacles for seedlings (growth substrates in block form A01G 24/44) |
| 3/0475 | . . . {Hedge shears} | | WARNING |
| 3/053 | . . . motor-driven | | Group A01G 9/029 is impacted by reclassification into groups A01G 24/44 and A01G 24/60 . |
| 3/0535 | {with rotatable knives} | | Groups A01G 9/029 , A01G 24/44 , and A01G 24/60 should be considered in order to perform a complete search. |
| 3/06 | . Hand-held edge trimmers or shears for lawns | 9/0291 | . . . {Planting receptacles specially adapted for remaining in the soil after planting} |
| 3/062 | . . {Motor-driven edge trimmers} | 9/0293 | . . . {Seed or shoot receptacles} |
| 3/065 | . . {Hand operated shears for lawns} | 9/0295 | . . . {Units comprising two or more connected receptacles} |
| 3/067 | . . {Motor-driven shears for lawns} | 9/0297 | . . . {Grids for supporting several receptacles} |
| 3/08 | . Other tools for pruning, branching or delimbing standing trees | 9/0299 | . . . {Handling or transporting of soil blocks or seedlings} |
| 3/081 | . . {Manual cutting tools not otherwise provided for, e.g. pruning hooks} | 9/033 | . . Flat containers for turf, lawn or the like, e.g. for covering roofs |
| 3/083 | . . {Manual pruning saws (saws in general B27B)} | | |
| 3/085 | . . {Motor-driven saws for pruning or branching (saws in general B27B)} | | |
| 3/086 | . . . {Chain saws (chain saws in general B27B 17/00)} | | |
| 3/088 | . . . {Circular saws (circular saws in general B27B 5/00)} | | |
| 5/00 | Floral handling | | |
| 2005/005 | . {Thorn removers} | | |
| 5/02 | . Apparatus for binding bouquets or wreaths | | |
| 5/04 | . Mountings for wreaths, or the like; Racks or holders for flowers | | |
| 5/06 | . Devices for preserving flowers | | |
| 7/00 | Botany in general | | |
| 7/02 | . Treatment of plants with carbon dioxide | | |
| 7/04 | . Electric or magnetic {or acoustic} treatment of plants for promoting growth | | |

| | | | |
|-----------|--|-----------|--|
| 9/04 | . Flower-pot saucers | 9/249 | . . {Lighting means (with special arrangements for promoting growth A01G 7/045)} |
| 9/042 | . . {Combinations of a saucer and a flower pot attached together} | | WARNING |
| 9/045 | . . {Trays for receiving multiple pots} | | Group A01G 9/249 is incomplete pending reclassification of documents from group A01G 9/26 . |
| 9/047 | . . {Channels or gutters, e.g. for hydroponics} | | Groups A01G 9/26 and A01G 9/249 should be considered in order to perform a complete search. |
| 9/06 | . Devices for cleaning flower-pots | | |
| 9/08 | . Devices for filling-up flower-pots {or pots for seedlings}; Devices for setting plants {or seeds} in pots | 9/26 | . . Electric devices {(A01G 9/249 takes precedence)} |
| 9/081 | . . {Devices for filling-up pots} | | WARNING |
| 9/083 | . . {Devices for setting plants in pots} | | Group A01G 9/26 is impacted by reclassification into groups A01G 9/249 and A01G 7/045 . |
| 9/085 | . . {Devices for setting seeds in pots} | | Groups A01G 9/26 , A01G 9/249 and A01G 7/045 should be considered in order to perform a complete search. |
| 9/086 | . . {Devices for repotting} | | |
| 9/088 | . . {Handling or transferring pots} | | |
| 9/12 | . Supports for plants; Trellis for strawberries or the like ({trellis-work for vines A01G 17/06 }; stays for trees, props for vines A01G 17/14) | 9/28 | . Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles |
| 9/122 | . . {Stakes} | | WARNING |
| 9/124 | . . . {Means for holding stakes upright in, on, or beside pots} | | Group A01G 9/28 is incomplete pending reclassification of documents from group A01G 9/00 . |
| 9/126 | . . {Wirespool supports} | | Groups A01G 9/00 and A01G 9/28 should be considered in order to perform a complete search. |
| 9/128 | . . {Fixing of plants to supports, e.g. by means of clips (tying devices in trellis-work A01G 17/08)} | | |
| 9/14 | . Greenhouses (cloches A01G 13/04) | | |
| 9/1407 | . . {of flexible synthetic material} | | |
| 9/1415 | . . . {with double or multiple walls} | | |
| 9/1423 | . . {Greenhouse bench structures} | | |
| 9/143 | . . {Equipment for handling produce in greenhouses} | | |
| 9/1438 | . . {Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches} | | |
| 2009/1446 | . . . {with perforations} | 11/00 | Sterilising soil by steam |
| 2009/1453 | . . . {containing textile products} | 13/00 | Protecting plants (apparatus for the destruction of vermin or noxious animals A01M ; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, A01N) |
| 2009/1461 | . . . {containing woven structures} | | |
| 9/1469 | . . {with double or multiple walls} | 2013/004 | . {Liquid mulch} |
| 9/1476 | . . {Greenhouse gutters (gutters in general E04D 13/064)} | 2013/006 | . {with perforations} |
| 2009/1484 | . . {Glazing apparatus} | 2013/008 | . {using straw} |
| 2009/1492 | . . {Cleaning apparatus} | 13/02 | . Protective coverings for plants; {Coverings for the ground;} Devices for laying-out {or removing} coverings |
| 9/16 | . . Dismountable or portable greenhouses {; Greenhouses with sliding roofs} | 13/0206 | . . {Canopies, i.e. devices providing a roof above the plants} |
| 9/18 | . Greenhouses for treating plants with carbon dioxide or the like | 13/0212 | . . . {for individual plants, e.g. for plants in pots} |
| 9/20 | . Forcing-frames; Lights {, i.e. glass panels covering the forcing-frames} | 2013/0218 | . . {for removing} |
| 9/22 | . Shades or blinds for greenhouses, or the like | 13/0225 | . . {Wind breakers, i.e. devices providing lateral protection of the plants} |
| 9/222 | . . {Lamellar or like blinds (in general E06B 9/26)} | 13/0231 | . . {Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses A01G 9/16)} |
| 9/225 | . . {Inflatable structures} | 13/0237 | . . {Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits} |
| 9/227 | . . {rolled up during non-use (in general E06B 9/08)} | 13/0243 | . . {Protective shelters for young plants, e.g. tubular sleeves} |
| 9/24 | . Devices {or systems} for heating, ventilating, regulating temperature {, illuminating}, or watering, in greenhouses, forcing-frames, or the like | 13/025 | . . {Devices for laying-out or removing plant coverings (for ground coverings A01G 13/0287)} |
| 9/241 | . . {Arrangement of opening or closing systems for windows and ventilation panels} | 13/0256 | . . {Ground coverings} |
| 9/242 | . . . {for greenhouses with flexible coverings} | 13/0262 | . . . {Mulches, i.e. covering material not-pre-formed in mats or sheets (A01G 13/0281 takes precedence; composition of mulches C09K 17/52)} |
| 9/243 | . . {Collecting solar energy (in general F24S)} | | |
| 9/245 | . . {Conduits for heating by means of liquids, e.g. used as frame members or for soil heating} | | |
| 9/246 | . . {Air-conditioning systems} | | |
| 9/247 | . . {Watering arrangements} | | |
| 2009/248 | . . {with distillation of water} | | |

- 13/0268 . . . {Mats or sheets, e.g. nets or fabrics
([A01G 13/0281](#) takes precedence)}
- 13/0275 {Films}
- 13/0281 . . . {Protective ground coverings for individual
plants, e.g. for plants in pots (coverings around
trees forming part of a road [E01C 9/005](#))}
- 13/0287 . . . {Devices for laying-out or removing ground
coverings}
- 13/0293 . . . {Anchoring means for ground coverings}
- 13/04 . . Cloches {, i.e. protective full coverings
for individual plants (individual canopies
[A01G 13/0212](#))}
- 13/043 . . . {with flexible coverings}
- 2013/046 . . . {foldable}
- 13/06 . . Devices for generating heat, smoke or fog in
gardens, orchards or forests, e.g. to prevent damage
by frost
- 13/065 . . {Frost protection by generating fog or by
spraying}
- 13/08 . . Mechanical apparatus for circulating the air
- 13/10 . . Devices for affording protection against animals,
birds or other pests ({[A01G 13/0243](#) takes
precedence; } scaring or repelling devices
[A01M 29/00](#))}
- 13/105 . . {Protective devices against slugs, snails, crawling
insects or other climbing animals}
- 15/00 Devices or methods for influencing weather
conditions**
- 17/00 Cultivation of hops, vines, fruit trees, or like trees**
- 17/005 . . {Cultivation methods}
- 17/02 . . Cultivation of hops or vines
- 17/023 . . {Machines for priming and/or preliminary
pruning of vines, i.e. removing shoots and/
or buds (trimming apparatus for trellis work
[A01G 3/0408](#))}
- 17/026 . . {Machines for removing leaves of vines}
- 17/04 . . Supports for hops, vines, or trees
- 17/06 . . Trellis-work
- 2017/065 . . . {Trellis-work for supporting vines having wire-
tensioning devices}
- 17/08 . . . Tools {e.g. clips} for attaching hops, vines, or
boughs to trellis-work; Tying devices
- 17/085 {Espalier machines; Tying machines}
- 17/10 . . Holders for boughs or branches
- 17/12 . . Tree-bands
- 17/14 . . Props; Stays
- 17/16 . . . Devices for driving-in or pulling-out props
- 17/18 . . Means for filling-up wounds in trees

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.

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.

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.

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.

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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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](#).
- 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.

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| 18/80 | <ul style="list-style-type: none"> Accessories for use after harvesting, e.g. scrapers <p>WARNING</p> <p>Group A01G 18/80 is incomplete pending reclassification of documents from group A01G 18/00.</p> <p>Groups A01G 18/00 and A01G 18/80 should be considered in order to perform a complete search.</p> | 20/30 | <ul style="list-style-type: none"> Apparatus for treating the lawn or grass surface (machines for aerating lawns A01B 45/02) <p>WARNING</p> <p>Group A01G 20/30 is impacted by reclassification into groups A01G 20/35 and A01G 20/40.</p> <p>Groups A01G 20/30, A01G 20/35, and A01G 20/40 should be considered in order to perform a complete search.</p> |
| 20/00 | <p>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)</p> <p>WARNING</p> <p>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.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> | 20/35 | <ul style="list-style-type: none"> Garden rollers <p>WARNING</p> <p>Group A01G 20/35 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/30.</p> <p>Groups A01G 20/00, A01G 20/30, and A01G 20/35 should be considered in order to perform a complete search.</p> |
| 20/10 | <ul style="list-style-type: none"> Pre-cultivated sod or turf; Apparatus therefor <p>WARNING</p> <p>Group A01G 20/10 is impacted by reclassification into group A01G 20/18.</p> <p>Groups A01G 20/10 and A01G 20/18 should be considered in order to perform a complete search.</p> | 20/40 | <ul style="list-style-type: none"> Apparatus for cleaning the lawn or grass surface <p>WARNING</p> <p>Group A01G 20/40 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/30.</p> <p>Groups A01G 20/00, A01G 20/30, and A01G 20/40 should be considered in order to perform a complete search.</p> |
| 20/12 | <ul style="list-style-type: none"> Apparatus for cutting sods or turfs <p>WARNING</p> <p>Group A01G 20/12 is incomplete pending reclassification of documents from group A01G 20/00.</p> <p>Groups A01G 20/00 and A01G 20/12 should be considered in order to perform a complete search.</p> | 20/43 | <ul style="list-style-type: none"> for sweeping, collecting or disintegrating lawn debris <p>WARNING</p> <p>Group A01G 20/43 is impacted by reclassification into group A01G 20/47.</p> <p>Groups A01G 20/43 and A01G 20/47 should be considered in order to perform a complete search.</p> |
| 20/15 | <ul style="list-style-type: none"> specialy adapted for stacking sods or sod rolls <p>WARNING</p> <p>Group A01G 20/15 is incomplete pending reclassification of documents from group A01G 20/00.</p> <p>Groups A01G 20/00 and A01G 20/15 should be considered in order to perform a complete search.</p> | 20/47 | <ul style="list-style-type: none"> Vacuum or blower devices <p>WARNING</p> <p>Group A01G 20/47 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/43.</p> <p>Groups A01G 20/00, A01G 20/43, and A01G 20/47 should be considered in order to perform a complete search.</p> |
| 20/18 | <ul style="list-style-type: none"> Apparatus for laying sods or turfs <p>WARNING</p> <p>Group A01G 20/18 is incomplete pending reclassification of documents from groups A01G 20/00 and A01G 20/10.</p> <p>Groups A01G 20/00, A01G 20/10, and A01G 20/18 should be considered in order to perform a complete search.</p> | 21/00 | {Devices for hanging-up harvested fruit} |
| 20/20 | <ul style="list-style-type: none"> Cultivation on mats | 22/00 | <p>Cultivation of specific crops or plants not otherwise provided for</p> <p>WARNING</p> <p>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.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> |

- 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.
- 22/10 . Asparagus
- 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.
- 22/20 . Cereals
- WARNING**
- 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.
- 22/22 . . Rice
- 22/25 . Root crops, e.g. potatoes, yams, beet or wasabi
- WARNING**
- 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.
- 22/30 . Moss
- WARNING**
- 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.
- 22/35 . Bulbs; Alliums, e.g. onions or leeks
- WARNING**
- 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.

- 22/40 . Fabaceae, e.g. beans or peas
- WARNING**
- 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.
- 22/45 . Tobacco
- WARNING**
- 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.
- 22/50 . Cotton
- WARNING**
- 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.
- 22/55 . Sugar cane
- WARNING**
- 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.
- 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.
- 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.

- 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.

23/00 Forestry

- 23/003 . {Collecting felled trees}
- 23/006 . . {Log skidders}
- 23/02 . Transplanting, uprooting, felling or delimbing trees ([delimbing standing trees A01G 3/00](#))
- 23/04 . . Transplanting trees; Devices for grasping the root ball, e.g. stump forceps; Wrappings or packages for transporting trees
- 23/043 . . . {Transplanting devices for grasping, undercutting or transporting the root ball ([A01G 23/046 takes precedence](#))}
- 23/046 . . . {Transplanting devices using elements to be driven into the ground for making a container around the root ball}
- 23/06 . . Uprooting or pulling up trees; Extracting or eliminating stumps
- 23/062 . . . {Pulling up trees or stumps}
- 23/065 {in a substantially vertical plane}
- 23/067 . . . {by comminuting the tree stumps}
- 23/08 . . Felling trees
- 23/081 . . . Feller-bunchers, i.e. with bunching by felling head ([A01G 23/083 takes precedence](#))
- 23/083 . . . Feller-delimbers
- 23/085 having the shearing head mounted on a first boom and the delimbing head mounted on a second boom
- 23/087 . . . Shearing apparatus or the like specially adapted for felling trees ([A01G 23/081](#), [A01G 23/083](#), [A01G 23/093 take precedence](#))
- 23/089 having two or more shears
- 23/09 of the percussion type
- 23/091 . . . Sawing apparatus specially adapted for felling trees ([A01G 23/081](#), [A01G 23/083](#), [A01G 23/093 take precedence](#))
- 23/093 . . . Combinations of shearing, sawing or milling apparatus specially adapted for felling trees
- 23/095 . . Delimbers ([A01G 23/083 takes precedence](#))
- 23/0955 . . . {Self-propelled along standing trees}
- 23/097 . . . having a fixed delimbing head
- 23/099 . . Auxiliary devices, e.g. felling wedges
- 23/10 . Tapping of tree-juices, e.g. caoutchouc, gum
- 23/12 . . Knives or axes for tapping
- 23/14 . . Tapping-spouts; Receptacles for juices

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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

| | | | |
|--------------|--|--------------|--|
| 24/46 | . . . multi-layered | 25/162 | . . {Sequential operation} |
| | WARNING | 25/165 | . . {Cyclic operations, timing systems, timing valves, impulse operations} |
| | Group A01G 24/46 is incomplete pending reclassification of documents from group A01G 24/00 . | 25/167 | . . {Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors} |
| | Groups A01G 24/00 and A01G 24/46 should be considered in order to perform a complete search. | 27/00 | Self-acting watering devices, e.g. for flower-pots |
| 24/48 | . . containing foam or presenting a foam structure | 27/001 | . {with intermittent watering means} |
| | WARNING | 27/003 | . {Controls for self-acting watering devices} |
| | Group A01G 24/48 is incomplete pending reclassification of documents from group A01G 24/00 . | 27/005 | . {Reservoirs connected to flower-pots through conduits} |
| | Groups A01G 24/00 and A01G 24/48 should be considered in order to perform a complete search. | 27/006 | . {Reservoirs, separate from plant-pots, dispensing directly into rooting medium} |
| 24/50 | . contained within a flexible envelope | 27/008 | . {Component parts, e.g. dispensing fittings, level indicators} |
| | WARNING | 27/02 | . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate (A01G 27/06 takes precedence) |
| | Group A01G 24/50 is incomplete pending reclassification of documents from group A01G 24/00 . | 27/04 | . using wicks or the like |
| | Groups A01G 24/00 and A01G 24/50 should be considered in order to perform a complete search. | 27/06 | . . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate |
| 24/60 | . Apparatus for preparing growth substrates or culture media (for mushrooms A01G 18/22) | 29/00 | Root feeders; Injecting fertilisers into the roots |
| | WARNING | 31/00 | Soilless cultivation, e.g. hydroponics (growth substrates therefor A01G 24/00; cultivation of seaweed A01G 33/00) |
| | Group A01G 24/60 is incomplete pending reclassification of documents from groups A01G 9/029 and A01G 24/00 . | 2031/006 | . {with means for recycling the nutritive solution} |
| | Groups A01G 9/029 , A01G 24/00 , and A01G 24/60 should be considered in order to perform a complete search. | 31/02 | . Special apparatus therefor (self-acting watering devices A01G 27/00) |
| 25/00 | Watering gardens, fields, sports grounds or the like (special apparatus or adaptations for fertilising-liquids A01C 23/00; nozzles or outlets, spraying apparatus B05B) | 31/04 | . . Hydroponic culture on conveyors |
| 2025/003 | . {with an impermeable layer in the ground} | 31/042 | . . . {with containers travelling on a belt or the like, or conveyed by chains} |
| 2025/006 | . {Tubular drip irrigation dispensers mounted coaxially within water feeding tubes} | 31/045 | . . . {with containers guided along a rail} |
| 25/02 | . Watering arrangements located above the soil which make use of perforated pipe-lines or pipe-lines with dispensing fittings, e.g. for drip irrigation | 31/047 | . . . {with containers inside rotating drums or rotating around a horizontal axis, e.g. carousels} |
| 25/023 | . . {Dispensing fittings for drip irrigation, e.g. drippers} | 31/06 | . . Hydroponic culture on racks or in stacked containers |
| 25/026 | . . {Apparatus or processes for fitting the drippers to the hoses or the pipes} | 33/00 | Cultivation of seaweed {or algae} |
| 25/06 | . Watering arrangements making use of perforated pipe-lines located in the soil | | |
| 25/09 | . Watering arrangements making use of movable installations on wheels or the like | | |
| 25/092 | . . {movable around a pivot centre} | | |
| 25/095 | . . {winch-driven (A01G 25/097 takes precedence)} | | |
| 25/097 | . . {guided or propelled along a water supply line with supply line traversing means} | | |
| 25/14 | . Hand watering devices, e.g. watering cans | | |
| 25/145 | . . {with pumps} | | |
| 25/16 | . Control of watering | | |