

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; Delimiting standing trees (forestry delimiters [A01G 23/095](#))**
- 3/002 . {for comminuting plant waste (comminuting by cutting implements in general [B02C 18/00](#))}
 - 2003/005 . {Removing buds}
 - 2003/007 . {Using spray}
 - 3/02 . Secateurs; Flower or fruit shears
 - 3/021 . . {characterized by the arrangement of pivots}
 - 2003/023 . . {with means for grasping the cut object}
 - 3/025 . . having elongated or extended handles
 - 3/0251 . . . {Loppers, i.e. branch cutters with two handles ([hedge shears A01G 3/0475](#))}
 - 3/0255 . . . {Tree pruners, i.e. pruning shears carried at the end of a pole}
 - 3/033 . . having motor-driven blades
 - 3/0335 . . . {having elongated or extended handles}
 - 3/037 . . . the driving means being an electric motor
 - 3/04 . Apparatus for trimming hedges, e.g. hedge shears
 - 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](#))}
 - 3/0417 . . {Guiding frames for trimming hedges}
 - 3/0426 . . {Machines for pruning vegetation on embankments and road-sides}
 - 3/0435 . . {Machines specially adapted for shaping plants, e.g. topiaries}
 - 2003/0443 . . {with height-adjustable platforms}
 - 2003/0452 . . {with platforms for persons}
 - 2003/0461 . . {with reciprocating knives}
 - 3/047 . . portable
 - 3/0475 . . . {Hedge shears}
 - 3/053 . . . motor-driven
 - 3/0535 {with rotatable knives}
 - 3/06 . Hand-held edge trimmers or shears for lawns
 - 3/062 . . {Motor-driven edge trimmers}
 - 3/065 . . {Hand operated shears for lawns}
 - 3/067 . . {Motor-driven shears for lawns}
 - 3/08 . Other tools for pruning, branching or delimiting standing trees
 - 3/081 . . {Manual cutting tools not otherwise provided for, e.g. pruning hooks}
 - 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 treatment of plants for promoting growth
 - 7/045 . . {with electric lighting}
- 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
- 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.
- 2009/003 . {Plant pots consisting of two halves, allowing easy removal of the plant}
 - 9/006 . {Labels or label holders for flower pots}
 - 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
 - 9/021 . . {Pots formed in one piece; Materials used therefor}
 - 9/022 . . {Pots for vertical horticulture}
 - 9/023 . . . {Multi-tiered planters}
 - 9/024 . . . {Hanging flower pots and baskets}
 - 9/025 . . . {Containers and elements for greening walls ([for covering roofs A01G 9/033](#))}
 - 9/026 . . {Foldable pots}
 - 9/027 . . {Pots connected in horizontal rows}
 - 9/028 . . {Multi-compartmented pots}
 - 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.
- 9/0291 . . . {Planting receptacles specially adapted for remaining in the soil after planting}
 - 9/0293 . . . {Seed or shoot receptacles}
 - 9/0295 . . . {Units comprising two or more connected receptacles}
 - 9/0297 . . . {Grids for supporting several receptacles}
 - 9/0299 . . . {Handling or transporting of soil blocks or seedlings}
 - 9/033 . . Flat containers for turf, lawn or the like, e.g. for covering roofs
 - 9/04 . Flower-pot saucers
 - 9/042 . . {Combinations of a saucer and a flower pot attached together}
 - 9/045 . . {Trays for receiving multiple pots}
 - 9/047 . . {Channels or gutters, e.g. for hydroponics}
 - 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
 - 9/081 . . {Devices for filling-up pots}

- 9/083 . . {Devices for setting plants in pots}
- 9/085 . . {Devices for setting seeds in pots}
- 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](#))
- 9/122 . . . {Stakes}
- 9/124 . . . {Means for holding stakes upright in, on, or beside pots}
- 9/126 . . {Wirespool supports}
- 9/128 . . {Fixing of plants to supports, e.g. by means of clips}
- 9/14 . . Greenhouses ([cloches A01G 13/04](#) {; [glazing bars, glazing clips therefor E04D 3/06](#))
- 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}
- 2009/1453 {containing textile products}
- 2009/1461 {containing woven structures}
- 9/1469 {with double or multiple walls}
- 9/1476 {Greenhouse gutters ([gutters in general E04D 13/064](#))}
- 2009/1484 {Glazing apparatus}
- 2009/1492 {Cleaning apparatus}
- 9/16 Dismountable or portable greenhouses {; [Greenhouses with sliding roofs](#)}
- 9/18 Greenhouses for treating plants with carbon dioxide or the like
- 9/20 Forcing-frames; Lights
- 9/22 Shades or blinds for greenhouses, or the like ([canopies A01G 13/0206](#))
- 9/222 {Lamellar or like blinds ([in general E06B 9/26](#))}
- 9/225 {Inflatable structures}
- 9/227 {rolled up during non-use ([in general E06B 9/08](#))}
- 9/24 Devices {or systems} for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like
- 9/241 {Arrangement of opening or closing systems for windows and ventilation panels}
- 9/242 {for greenhouses with flexible coverings}
- 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}
- 9/26 Electric devices
- 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.
- 11/00 Sterilising soil by steam**
- 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](#) {; coverings around trees forming part of a road [E01C 9/005](#)})
- 2013/002 {Wind breakers}
- 2013/004 {Liquid mulch}
- 2013/006 {with perforations}
- 2013/008 {using straw}
- 13/02 Protective coverings for plants; {Coverings for the ground;} Devices for laying-out {or removing} coverings ([covering materials A01G 9/1438](#))
- 13/0206 {Canopies, i.e. devices providing a roof above the plants}
- 13/0212 {for individual plants, e.g. for plants in pots}
- 2013/0218 {for removing}
- 13/0225 {Wind breakers, i.e. devices providing lateral protection of the plants}
- 13/0231 {Tunnels, i.e. protective full coverings for rows of plants ([dismountable or portable greenhouses A01G 9/16](#))}
- 13/0237 {Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits}
- 13/0243 {Protective shelters for young plants, e.g. tubular sleeves}
- 13/025 {Devices for laying-out or removing plant coverings ([for ground coverings A01G 13/0287](#))}
- 13/0256 {Ground coverings}
- 13/0262 {Mulches, i.e. covering material not-preformed in mats or sheets ([A01G 13/0281](#) takes precedence; composition of mulches [C09K 17/52](#))}
- 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 ([dismountable or portable greenhouses A01G 9/16](#); 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 for attaching hops, vines, or boughs to trellis-work; Tying devices
- 17/085 {Tying instruments; Espalier 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 20/20 . Cultivation on mats
- 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.
- 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.
- 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.
- 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.
- 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.
- 21/00 {Devices for hanging-up harvested fruit}
- 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.
- 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 delimiting trees ([delimiting 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-delimiters
- 23/085 having the shearing head mounted on a first boom and the delimiting 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 . . Delimiters ([A01G 23/083](#) takes precedence)
- 23/0955 . . . {Self-propelled along standing trees}
- 23/097 . . . having a fixed delimiting 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
- 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.
- 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.
- 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.

- 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.
- 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](#))
- 2025/003 . {with an impermeable layer in the ground}
- 2025/006 . {Tubular drip irrigation dispensers mounted coaxially within water feeding tubes}
- 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
- 25/023 . . {Dispensing fittings for drip irrigation, e.g. drippers}
- 25/026 . . {Machines and methods for fixing the drippers in the pipe}
- 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
- 25/162 . . {Sequential operation}
- 25/165 . . {Cyclic operations, timing systems, timing valves, impulse operations}
- 25/167 . . {Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors}
- 27/00 Self-acting watering devices, e.g. for flower-pots**
- 27/001 . {with intermittent watering means}
- 27/003 . {Controls for self-acting watering devices}
- 27/005 . {Reservoirs connected to flower-pots through conduits}
- 27/006 . {Reservoirs, separate from plant-pots, dispensing directly into rooting medium}
- 27/008 . {Component parts, e.g. dispensing fittings, level indicators}
- 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)
- 27/04 . using wicks or the like
- 27/06 . . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate
- 29/00 Root feeders; Injecting fertilisers into the roots**
- 31/00 Soilless cultivation, e.g. hydroponics** (growth substrates therefor [A01G 24/00](#); cultivation of seaweed [A01G 33/00](#))
- 31/02 . Special apparatus therefor (self-acting watering devices [A01G 27/00](#))
- 31/04 . . Hydroponic culture on conveyors
- 31/042 . . . {with containers travelling on a conveyor belt or the like}
- 31/045 . . . {with hanging containers travelling along a rail}
- 31/047 . . . {using a rotating drum or the like}
- 31/06 . . Hydroponic culture on racks or in stacked containers
- 33/00 Cultivation of seaweed {or algae}**
- 2031/006 . {with means for recycling the nutritive solution}