

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		
3/021	. . {characterized by the arrangement of pivots}		
2003/023	. . {with means for grasping or collecting the cut objects}	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
3/025	. . having elongated or extended handles		
3/0251	. . . {Loppers, i.e. branch cutters with two handles (hedge shears A01G 3/0475)}	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
3/0255	. . . {Tree pruners, i.e. pruning shears carried at the end of a pole}		WARNING
3/033	. . having motor-driven blades		Group A01G 9/00 is impacted by reclassification into groups A01G 18/00 , A01G 18/60 and A01G 9/28 .
3/0335	. . . {having elongated or extended handles}		Groups A01G 9/00 , A01G 18/00 , A01G 18/60 and A01G 9/28 should be considered in order to perform a complete search.
3/037	. . . 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)}	2009/003	. {Receptacles consisting of separable sections, e.g. for allowing easy removal of the plant}
3/0417	. . {Guiding frames for trimming hedges}	9/006	. {Labels or label holders specially adapted for plant receptacles}
3/0426	. . {Machines for pruning vegetation on embankments and road-sides}	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
3/0435	. . {Machines specially adapted for shaping plants, e.g. topiaries}	9/021	. . {Pots formed in one piece; Materials used therefor}
2003/0443	. . {with height-adjustable platforms}	9/022	. . {Pots for vertical horticulture}
2003/0452	. . {with platforms for persons}	9/023	. . . {Multi-tiered planters}
2003/0461	. . {with reciprocating knives}	9/024	. . . {Hanging flower pots and baskets}
3/047	. . portable	9/025	. . . {Containers and elements for greening walls (for covering roofs A01G 9/033)}
3/0475	. . . {Hedge shears}	9/026	. . {Foldable pots}
3/053	. . . motor-driven	9/027	. . {Pots connected in horizontal rows}
3/0535 {with rotatable knives}	9/028	. . {Multi-compartmented pots}
3/06	. Hand-held edge trimmers or shears for lawns	9/029	. . Receptacles for seedlings (growth substrates in block form A01G 24/44)
3/062	. . {Motor-driven edge trimmers}		WARNING
3/065	. . {Hand operated shears for lawns}		Group A01G 9/029 is impacted by reclassification into groups A01G 24/44 and A01G 24/60 .
3/067	. . {Motor-driven shears for lawns}		Groups A01G 9/029 , A01G 24/44 , and A01G 24/60 should be considered in order to perform a complete search.
3/08	. Other tools for pruning, branching or delimbing standing trees		
3/081	. . {Manual cutting tools not otherwise provided for, e.g. pruning hooks}	9/0291	. . . {Planting receptacles specially adapted for remaining in the soil after planting}
3/083	. . {Manual pruning saws (saws in general B27B)}	9/0293	. . . {Seed or shoot receptacles}
3/085	. . {Motor-driven saws for pruning or branching (saws in general B27B)}	9/0295	. . . {Units comprising two or more connected receptacles}
3/086	. . . {Chain saws (chain saws in general B27B 17/00)}	9/0297	. . . {Grids for supporting several receptacles}
3/088	. . . {Circular saws (circular saws in general B27B 5/00)}	9/0299	. . . {Handling or transporting of soil blocks or seedlings}
5/00	Floral handling	9/033	. . Flat containers for turf, lawn or the like, e.g. for covering roofs
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		
9/081	• • {Devices for filling-up pots}		
9/083	• • {Devices for setting plants in pots}	9/26	• • Electric devices {(A01G 9/249 takes precedence)}
9/085	• • {Devices for setting seeds in pots}		WARNING
9/086	• • {Devices for repotting}		Group A01G 9/26 is impacted by reclassification into groups A01G 9/249 and A01G 7/045 .
9/088	• • {Handling or transferring pots}		Groups A01G 9/26 , A01G 9/249 and A01G 7/045 should be considered in order to perform a complete search.
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}	9/28	• Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles
9/128	• • {Fixing of plants to supports, e.g. by means of clips (tying devices in trellis-work A01G 17/08)}		WARNING
9/14	• Greenhouses (cloches A01G 13/04)		Group A01G 9/28 is incomplete pending reclassification of documents from group A01G 9/00 .
9/1407	• • {of flexible synthetic material}		Groups A01G 9/00 and A01G 9/28 should be considered in order to perform a complete search.
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}	11/00	Sterilising soil by steam
2009/1446	• • • {with perforations}	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)
2009/1453	• • • {containing textile products}		
2009/1461	• • • {containing woven structures}	2013/004	• {Liquid mulch}
9/1469	• • {with double or multiple walls}	2013/006	• {with perforations}
9/1476	• • {Greenhouse gutters (gutters in general E04D 13/064)}	2013/008	• {using straw}
2009/1484	• • {Glazing apparatus}	13/02	• Protective coverings for plants; {Coverings for the ground;} Devices for laying-out {or removing} coverings
2009/1492	• • {Cleaning apparatus}	13/0206	• • {Canopies, i.e. devices providing a roof above the plants}
9/16	• • Dismountable or portable greenhouses {; Greenhouses with sliding roofs}	13/0212	• • • {for individual plants, e.g. for plants in pots}
9/18	• Greenhouses for treating plants with carbon dioxide or the like	2013/0218	• • {for removing}
9/20	• Forcing-frames; Lights {, i.e. glass panels covering the forcing-frames}	13/0225	• • {Wind breakers, i.e. devices providing lateral protection of the plants}
9/22	• Shades or blinds for greenhouses, or the like	13/0231	• • {Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses A01G 9/16)}
9/222	• • {Lamellar or like blinds (in general E06B 9/26)}	13/0237	• • {Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits}
9/225	• • {Inflatable structures}	13/0243	• • {Protective shelters for young plants, e.g. tubular sleeves}
9/227	• • {rolled up during non-use (in general E06B 9/08)}	13/025	• • {Devices for laying-out or removing plant coverings (for ground coverings A01G 13/0287)}
9/24	• Devices {or systems} for heating, ventilating, regulating temperature {, illuminating}, or watering, in greenhouses, forcing-frames, or the like	13/0256	• • {Ground coverings}
9/241	• • {Arrangement of opening or closing systems for windows and ventilation panels}	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)}
9/242	• • • {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}		

- 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.

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		