

# 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](#); plant reproduction by tissue culture techniques [A01H 4/00](#); devices for topping or skinning onions or flower bulbs [A23N 15/08](#); propagating unicellular algae [C12N 1/12](#); plant cell culture [C12N 5/00](#))

#### 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](#))

**2/30** . Grafting (grafting-wax [A01N 3/04](#))

#### 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.

#### 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.

**2/10** . by means of cuttings

**2/32** . . Automatic apparatus therefor

#### 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.

#### 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.

**2/20** . Layering

**2/35** . . Cutting; Inserting

#### 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.

#### 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	2005/005	. {Thorn removers}
	<b>WARNING</b>	5/02	. Apparatus for binding bouquets or wreaths
	Group <a href="#">A01G 2/38</a> is incomplete pending reclassification of documents from group <a href="#">A01G 2/30</a> .	5/04	. Mountings for wreaths, or the like; Racks or holders for flowers
	Groups <a href="#">A01G 2/30</a> and <a href="#">A01G 2/38</a> should be considered in order to perform a complete search.	5/06	. Devices for preserving flowers ( <a href="#">chemical substances A01N 3/02</a> ; flower vases <a href="#">A47G 7/06</a> )
<b>3/00</b>	<b>Cutting implements specially adapted for horticultural purposes; Delimbing standing trees</b> (felling trees <a href="#">A01G 23/08</a> ; hand-held cutting tools suitable for other use <a href="#">B26B</a> )	<b>7/00</b>	<b>Botany in general</b> (soilless cultivation <a href="#">A01G 31/00</a> )
3/002	. {for comminuting plant waste (comminuting by cutting implements in general <a href="#">B02C 18/00</a> )}	7/02	. Treatment of plants with carbon dioxide ( <a href="#">greenhouses therefor A01G 9/18</a> )
2003/005	. {Removing buds}	7/04	. Electric or magnetic treatment of plants for promoting growth
2003/007	. {Using spray}	7/045	. . {with electric lighting}
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}	<b>9/00</b>	<b>Receptacles, forcing-frames or greenhouses for horticulture</b> (for mushrooms <a href="#">A01G 18/60</a> ; soilless cultivation <a href="#">A01G 31/00</a> ); <b>Edging for beds, lawn or the like</b>
2003/023	. . {with means for grasping the cut object}		<b>WARNING</b>
3/025	. . having elongated or extended handles		Group <a href="#">A01G 9/00</a> is impacted by reclassification into groups <a href="#">A01G 18/60</a> and <a href="#">A01G 9/28</a> .
3/0251	. . . {Loppers, i.e. branch cutters with two handles ( <a href="#">hedge shears A01G 3/0475</a> )}		Groups <a href="#">A01G 9/00</a> , <a href="#">A01G 18/60</a> , and <a href="#">A01G 9/28</a> should be considered in order to perform a complete search.
3/0255	. . . {Tree pruners, i.e. pruning shears carried at the end of a pole}	2009/003	. {Plant pots consisting of two halves, allowing easy removal of the plant}
3/033	. . having motor-driven blades	9/006	. {Labels or label holders for flower pots}
3/0335	. . . {having elongated or extended handles}	9/02	. Receptacles, e.g. flower-pots or boxes ( <a href="#">hanging flower baskets, holders or containers for flower-pots A47G 7/00</a> ); Glasses for cultivating flowers
3/037	. . . the driving means being an electric motor	9/021	. . {Pots formed in one piece; Materials used therefor}
3/04	. Apparatus for trimming hedges, e.g. hedge shears	9/022	. . {Pots for vertical horticulture}
3/0408	. . {specially adapted for trellis work, e.g. machines for pruning vine or the like ( <a href="#">preliminary pruning vines A01G 17/023</a> ; defoliating machines <a href="#">A01G 17/026</a> )}	9/023	. . . {Multi-tiered planters}
3/0417	. . {Guiding frames for trimming hedges}	9/024	. . . {Hanging flower pots and baskets}
3/0426	. . {Machines for pruning vegetation on embankments and road-sides}	9/025	. . . {Containers and elements for greening walls ( <a href="#">for covering roofs A01G 9/033</a> )}
3/0435	. . {Machines specially adapted for shaping plants, e.g. topiaries}	9/026	. . {Foldable pots}
2003/0443	. . {with height-adjustable platforms}	9/027	. . {Pots connected in horizontal rows}
2003/0452	. . {with platforms for persons}	9/028	. . {Multi-compartmented pots}
2003/0461	. . {with reciprocating knives}	9/029	. . Pots for seedlings
3/047	. . portable		<b>WARNING</b>
3/0475	. . . {Hedge shears}		Group <a href="#">A01G 9/029</a> is impacted by reclassification into groups <a href="#">A01G 24/44</a> and <a href="#">A01G 24/60</a> .
3/053	. . . motor-driven		Groups <a href="#">A01G 9/029</a> , <a href="#">A01G 24/44</a> , and <a href="#">A01G 24/60</a> should be considered in order to perform a complete search.
3/0535	. . . . {with rotatable knives}	9/0291	. . . {Planting receptacles specially adapted for remaining in the soil after planting}
3/06	. Hand-held edge trimmers or shears for lawns {(with a flexible rotating cutter <a href="#">A01D 34/416</a> )}	9/0293	. . . {Seed or shoot receptacles}
3/062	. . {Motor-driven edge trimmers}	9/0295	. . . {Units comprising two or more connected receptacles}
3/065	. . {Hand operated shears for lawns}	9/0297	. . . {Grids for supporting several receptacles}
3/067	. . {Motor-driven shears for lawns}	9/0299	. . . {Handling or transporting of soil blocks or seedlings}
3/08	. Other tools for pruning, branching or delimbing standing trees	9/033	. . Flat containers for turf, lawn or the like, e.g. for covering roofs
3/081	. . {Manual cutting tools not otherwise provided for, e.g. pruning hooks}		
3/083	. . {Manual pruning saws ( <a href="#">saws in general B27B</a> )}		
3/085	. . {Motor-driven saws for pruning or branching ( <a href="#">saws in general B27B</a> )}		
3/086	. . . {Chain saws ( <a href="#">chain saws in general B27B 17/00</a> )}		
3/088	. . . {Circular saws ( <a href="#">circular saws in general B27B 5/00</a> )}		
<b>5/00</b>	<b>Floral handling</b>		

9/04	• Flower-pot saucers	2009/248	• • {with distillation of water}
9/042	• • {Combinations of a saucer and a flower pot attached together}	9/26	• • Electric devices
9/045	• • {Trays for receiving multiple pots}	9/28	• Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles
9/047	• • {Channels or gutters, e.g. for hydroponics}		<b>WARNING</b>
9/06	• Devices for cleaning flower-pots		Group <a href="#">A01G 9/28</a> is incomplete pending reclassification of documents from group <a href="#">A01G 9/00</a> .
9/08	• Devices for filling-up flower-pots {or pots for seedlings}; Devices for setting plants {or seeds} in pots		Groups <a href="#">A01G 9/00</a> and <a href="#">A01G 9/28</a> should be considered in order to perform a complete search.
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 <a href="#">A01G 17/06</a> }; stays for trees, props for vines <a href="#">A01G 17/14</a> )	11/00	<b>Sterilising soil by steam</b> (soil-conditioning or soil-stabilising materials <a href="#">C09K 17/00</a> )
9/122	• • {Stakes}	13/00	<b>Protecting plants</b> (apparatus for the destruction of vermin or noxious animals <a href="#">A01M</a> ; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, <a href="#">A01N</a> {; coverings around trees forming part of a road <a href="#">E01C 9/005</a> })
9/124	• • • {Means for holding stakes upright in, on, or beside pots}		
9/126	• • {Wirespool supports}	2013/002	• {Wind breakers}
9/128	• • {Fixing of plants to supports, e.g. by means of clips}	2013/004	• {Liquid mulch}
9/14	• Greenhouses (cloches <a href="#">A01G 13/04</a> {; glazing bars, glazing clips therefor <a href="#">E04D 3/06</a> })	2013/006	• {with perforations}
9/1407	• • {of flexible synthetic material}	2013/008	• {using straw}
9/1415	• • • {with double or multiple walls}	13/02	• Protective coverings for plants; {Coverings for the ground;}; Devices for laying-out {or removing} coverings ({covering materials <a href="#">A01G 9/1438</a> })
9/1423	• • {Greenhouse bench structures}	13/0206	• • {Canopies, i.e. devices providing a roof above the plants}
9/143	• • {Equipment for handling produce in greenhouses}	13/0212	• • • {for individual plants, e.g. for plants in pots}
9/1438	• • {Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches}	2013/0218	• • {for removing}
2009/1446	• • • {with perforations}	13/0225	• • {Wind breakers, i.e. devices providing lateral protection of the plants}
2009/1453	• • • {containing textile products}	13/0231	• • {Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses <a href="#">A01G 9/16</a> })
2009/1461	• • • {containing woven structures}	13/0237	• • {Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits}
9/1469	• • {with double or multiple walls}	13/0243	• • {Protective shelters for young plants, e.g. tubular sleeves}
9/1476	• • {Greenhouse gutters (gutters in general <a href="#">E04D 13/064</a> })	13/025	• • {Devices for laying-out or removing plant coverings (for ground coverings <a href="#">A01G 13/0287</a> })
2009/1484	• • {Glazing apparatus}	13/0256	• • {Ground coverings}
2009/1492	• • {Cleaning apparatus}	13/0262	• • • {Mulches, i.e. covering material not-pre-formed in mats or sheets ( <a href="#">A01G 13/0281</a> takes precedence; composition of mulches <a href="#">C09K 17/52</a> })
9/16	• • Dismountable or portable greenhouses {; Greenhouses with sliding roofs}	13/0268	• • • {Mats or sheets, e.g. nets or fabrics ( <a href="#">A01G 13/0281</a> takes precedence)}
9/18	• Greenhouses for treating plants with carbon dioxide or the like	13/0275	• • • • {Films}
9/20	• Forcing-frames; Lights	13/0281	• • • {Protective ground coverings for individual plants, e.g. for plants in pots (coverings around trees forming part of a road <a href="#">E01C 9/005</a> })
9/22	• Shades or blinds for greenhouses, or the like ({canopies <a href="#">A01G 13/0206</a> })	13/0287	• • • {Devices for laying-out or removing ground coverings}
9/222	• • {Lamellar or like blinds (in general <a href="#">E06B 9/26</a> })	13/0293	• • • {Anchoring means for ground coverings}
9/225	• • {Inflatable structures}	13/04	• • Cloches {, i.e. protective full coverings for individual plants (dismountable or portable greenhouses <a href="#">A01G 9/16</a> ; individual canopies <a href="#">A01G 13/0212</a> })
9/227	• • {rolled up during non-use (in general <a href="#">E06B 9/08</a> })	13/043	• • • {with flexible coverings}
9/24	• Devices {or systems} for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like	2013/046	• • • {foldable}
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 <a href="#">F24S</a> })		
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}		

- 13/06 . Devices for generating heat, smoke, or fog in gardens, orchards, or forests, e.g. to prevent damage by frost ({bee-smokers [A01K 55/00](#); fumigators for destroying insects [A01M 13/006](#); for destroying rats [A01M 17/004](#)}; chemical aspects of generating smoke or mist [C06D 3/00](#); heating devices in general, [see the appropriate classes](#), e.g. [F24](#))
- 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 ({protective shelters for young plants [A01G 13/0243](#)}; traps [A01M 23/00](#) {; scaring or repelling devices [A01M 29/00](#)}; pesticides [A01N](#))
- 13/105 . . {Protective devices against slugs, snails, crawling insects or other climbing animals}
- 15/00 Devices or methods for influencing weather conditions** (dispersing fog in general [E01H 13/00](#))
- 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 impacted by reclassification into groups [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.

- |   |  |
|---|--|
| <p>22/20 . Cereals</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/20</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/20</a> should be considered in order to perform a complete search.</p> <p>22/22 . . Rice</p> <p>22/25 . Root crops, e.g. potatoes, yams, beet or wasabi</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/25</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/25</a> should be considered in order to perform a complete search.</p> <p>22/30 . Moss</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/30</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/30</a> should be considered in order to perform a complete search.</p> <p>22/35 . Bulbs; Alliums, e.g. onions or leeks</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/35</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>. Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/35</a> should be considered in order to perform a complete search.</p> <p>22/40 . Fabaceae, e.g. beans or peas</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/40</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/40</a> should be considered in order to perform a complete search.</p> <p>22/45 . Tobacco</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/45</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/45</a> should be considered in order to perform a complete search.</p> | <p>22/50 . Cotton</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/50</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/50</a> should be considered in order to perform a complete search.</p> <p>22/55 . Sugar cane</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/55</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/55</a> should be considered in order to perform a complete search.</p> <p>22/60 . Flowers; Ornamental plants</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/60</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/60</a> should be considered in order to perform a complete search.</p> <p>22/63 . . Orchids</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/63</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/63</a> should be considered in order to perform a complete search.</p> <p>22/67 . . Dwarf trees, e.g. bonsai</p> <p><b><u>WARNING</u></b></p> <p>Group <a href="#">A01G 22/67</a> is incomplete pending reclassification of documents from group <a href="#">A01G 22/00</a>.</p> <p>Groups <a href="#">A01G 22/00</a> and <a href="#">A01G 22/67</a> should be considered in order to perform a complete search.</p> <p><b>23/00 Forestry</b></p> <p>23/003 . {Collecting felled trees}</p> <p>23/006 . . {Log skidders}</p> <p>23/02 . Transplanting, uprooting, felling or delimbing trees (delimbing standing trees <a href="#">A01G 3/00</a>)</p> <p><b><u>NOTE</u></b></p> <p>Tree feeding devices are covered by group <a href="#">B27B 25/00</a></p> <p>23/04 . . Transplanting trees; Devices for grasping the root ball, e.g. stump forceps; Wrappings or packages for transporting trees</p> <p>23/043 . . . {Transplanting devices for grasping, undercutting or transporting the root ball (<a href="#">A01G 23/046</a> takes precedence)}</p> |
|---|--|

- 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 (axes [B26B 23/00](#); saws, sawing machines [B27B](#))
- 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; manufacture of wood shavings, chips, powder, or the like, *per se* [B27L 11/00](#))
- 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

**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	<ul style="list-style-type: none"> <li>contained within a flexible envelope</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">A01G 24/50</a> is incomplete pending reclassification of documents from group <a href="#">A01G 24/00</a>.</p> <p>Groups <a href="#">A01G 24/00</a> and <a href="#">A01G 24/50</a> should be considered in order to perform a complete search.</p>	27/008	<ul style="list-style-type: none"> <li>{Component parts, e.g. dispensing fittings, level indicators}</li> </ul>
		27/02	<ul style="list-style-type: none"> <li>having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate (<a href="#">A01G 27/06</a> takes precedence)</li> </ul>
		27/04	<ul style="list-style-type: none"> <li>using wicks or the like</li> </ul>
		27/06	<ul style="list-style-type: none"> <li>having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate</li> </ul>
24/60	<ul style="list-style-type: none"> <li>Apparatus for preparing growth substrates or culture media (for mushrooms <a href="#">A01G 18/22</a>)</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">A01G 24/60</a> is incomplete pending reclassification of documents from groups <a href="#">A01G 9/029</a> and <a href="#">A01G 24/00</a>.</p> <p>Groups <a href="#">A01G 9/029</a>, <a href="#">A01G 24/00</a>, and <a href="#">A01G 24/60</a> should be considered in order to perform a complete search.</p>	<b>29/00</b>	<b>Root feeders; Injecting fertilisers into the roots</b>
<b>25/00</b>	<b>Watering gardens, fields, sports grounds, or the like</b> (special apparatus or adaptations for fertilising-liquids <a href="#">A01C 23/00</a> ; nozzles or outlets, spraying apparatus <a href="#">B05B</a> ; gravity flow, open channel irrigation ditch systems <a href="#">E02B 13/00</a> )	<b>31/00</b>	<b>Soilless cultivation, e.g. hydroponics</b> (growth substrates therefor <a href="#">A01G 24/00</a> ; cultivation of seaweed <a href="#">A01G 33/00</a> )
2025/003	<ul style="list-style-type: none"> <li>{with an impermeable layer in the ground}</li> </ul>	2031/006	<ul style="list-style-type: none"> <li>{with means for recycling the nutritive solution}</li> </ul>
2025/006	<ul style="list-style-type: none"> <li>{Tubular drip irrigation dispensers mounted coaxially within water feeding tubes}</li> </ul>	31/02	<ul style="list-style-type: none"> <li>Special apparatus therefor (apparatus for cultivation in receptacles or greenhouses in general <a href="#">A01G 9/00</a>; self-acting watering devices <a href="#">A01G 27/00</a>)</li> </ul>
25/02	<ul style="list-style-type: none"> <li>Watering arrangements located above the soil which make use of perforated pipe-lines or pipe-lines with dispensing fittings, e.g. for drip irrigation (<a href="#">perforated pipes per se B05B 1/20</a>)</li> </ul>	31/04	<ul style="list-style-type: none"> <li>Hydroponic culture on conveyors</li> </ul>
25/023	<ul style="list-style-type: none"> <li>{Dispensing fittings for drip irrigation, e.g. drippers}</li> </ul>	31/042	<ul style="list-style-type: none"> <li>{with containers travelling on a conveyor belt or the like}</li> </ul>
25/026	<ul style="list-style-type: none"> <li>{Machines and methods for fixing the drippers in the pipe}</li> </ul>	31/045	<ul style="list-style-type: none"> <li>{with hanging containers travelling along a rail}</li> </ul>
25/06	<ul style="list-style-type: none"> <li>Watering arrangements making use of perforated pipe-lines located in the soil (<a href="#">perforated pipes per se B05B 1/20</a>; similar arrangements for drainage <a href="#">E02B 11/00</a>)</li> </ul>	31/047	<ul style="list-style-type: none"> <li>{using a rotating drum or the like}</li> </ul>
25/09	<ul style="list-style-type: none"> <li>Watering arrangements making use of movable installations on wheels or the like</li> </ul>	31/06	<ul style="list-style-type: none"> <li>Hydroponic culture on racks or in stacked containers</li> </ul>
25/092	<ul style="list-style-type: none"> <li>{movable around a pivot centre}</li> </ul>	<b>33/00</b>	<b>Cultivation of seaweed {or algae}</b>
25/095	<ul style="list-style-type: none"> <li>{winch-driven (<a href="#">A01G 25/097</a> takes precedence)}</li> </ul>		
25/097	<ul style="list-style-type: none"> <li>{guided or propelled along a water supply line with supply line traversing means}</li> </ul>		
25/14	<ul style="list-style-type: none"> <li>Hand watering devices, e.g. watering cans</li> </ul>		
25/145	<ul style="list-style-type: none"> <li>{with pumps}</li> </ul>		
25/16	<ul style="list-style-type: none"> <li>Control of watering (<a href="#">controlling of spraying devices B05B</a>)</li> </ul>		
25/162	<ul style="list-style-type: none"> <li>{Sequential operation}</li> </ul>		
25/165	<ul style="list-style-type: none"> <li>{Cyclic operations, timing systems, timing valves, impulse operations}</li> </ul>		
25/167	<ul style="list-style-type: none"> <li>{Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors}</li> </ul>		
<b>27/00</b>	<b>Self-acting watering devices, e.g. for flower-pots</b>		
27/001	<ul style="list-style-type: none"> <li>{with intermittent watering means}</li> </ul>		
27/003	<ul style="list-style-type: none"> <li>{Controls for self-acting watering devices}</li> </ul>		
27/005	<ul style="list-style-type: none"> <li>{Reservoirs connected to flower-pots through conduits}</li> </ul>		
27/006	<ul style="list-style-type: none"> <li>{Reservoirs, separate from plant-pots, dispensing directly into rooting medium}</li> </ul>		