

# 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 <a href="#">A01G 23/095</a> )	7/045	<ul style="list-style-type: none"> <li>• {with electric lighting}</li> </ul>
3/002	<ul style="list-style-type: none"> <li>• {for comminuting plant waste (comminuting by cutting implements in general <a href="#">B02C 18/00</a>)}</li> </ul>		
2003/005	<ul style="list-style-type: none"> <li>• {Removing buds}</li> </ul>		
2003/007	<ul style="list-style-type: none"> <li>• {Using spray}</li> </ul>		
3/02	<ul style="list-style-type: none"> <li>• Secateurs; Flower or fruit shears</li> </ul>		
3/021	<ul style="list-style-type: none"> <li>• {characterized by the arrangement of pivots}</li> </ul>		
2003/023	<ul style="list-style-type: none"> <li>• {with means for grasping or collecting the cut objects}</li> </ul>	7/06	<ul style="list-style-type: none"> <li>• Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeing flowers or wood, for prolonging the life of plants</li> </ul>
3/025	<ul style="list-style-type: none"> <li>• having elongated or extended handles</li> </ul>		
3/0251	<ul style="list-style-type: none"> <li>• {Loppers, i.e. branch cutters with two handles (hedge shears <a href="#">A01G 3/0475</a>)}</li> </ul>	9/00	<b>Cultivation in receptacles, forcing-frames or greenhouses (of mushrooms <a href="#">A01G 18/00</a>; soilless cultivation <a href="#">A01G 31/00</a>); Edging for beds, lawn or the like</b>
3/0255	<ul style="list-style-type: none"> <li>• {Tree pruners, i.e. pruning shears carried at the end of a pole}</li> </ul>		
3/033	<ul style="list-style-type: none"> <li>• having motor-driven blades</li> </ul>		
3/0335	<ul style="list-style-type: none"> <li>• {having elongated or extended handles}</li> </ul>		
3/037	<ul style="list-style-type: none"> <li>• the driving means being an electric motor</li> </ul>		
3/04	<ul style="list-style-type: none"> <li>• Apparatus for trimming hedges, e.g. hedge shears</li> </ul>		
3/0408	<ul style="list-style-type: none"> <li>• {specially adapted for trellis work, e.g. machines for pruning vine or the like (preliminary pruning vines <a href="#">A01G 17/023</a>; defoliating machines <a href="#">A01G 17/026</a>)}</li> </ul>		<b>WARNING</b> Group <a href="#">A01G 9/00</a> is impacted by reclassification into groups <a href="#">A01G 18/00</a> , <a href="#">A01G 18/60</a> and <a href="#">A01G 9/28</a> . Groups <a href="#">A01G 9/00</a> , <a href="#">A01G 18/00</a> , <a href="#">A01G 18/60</a> and <a href="#">A01G 9/28</a> should be considered in order to perform a complete search.
3/0417	<ul style="list-style-type: none"> <li>• {Guiding frames for trimming hedges}</li> </ul>		
3/0426	<ul style="list-style-type: none"> <li>• {Machines for pruning vegetation on embankments and road-sides}</li> </ul>	2009/003	<ul style="list-style-type: none"> <li>• {Receptacles consisting of separable sections, e.g. for allowing easy removal of the plant}</li> </ul>
3/0435	<ul style="list-style-type: none"> <li>• {Machines specially adapted for shaping plants, e.g. topiaries}</li> </ul>	9/006	<ul style="list-style-type: none"> <li>• {Labels or label holders specially adapted for plant receptacles}</li> </ul>
2003/0443	<ul style="list-style-type: none"> <li>• {with height-adjustable platforms}</li> </ul>	9/02	<ul style="list-style-type: none"> <li>• Receptacles, e.g. flower-pots or boxes (self-acting watering devices <a href="#">A01G 27/00</a>; hanging flower baskets, holders or containers for flower-pots <a href="#">A47G 7/00</a>); Glasses for cultivating flowers</li> </ul>
2003/0452	<ul style="list-style-type: none"> <li>• {with platforms for persons}</li> </ul>		
2003/0461	<ul style="list-style-type: none"> <li>• {with reciprocating knives}</li> </ul>	9/021	<ul style="list-style-type: none"> <li>• {Pots formed in one piece; Materials used therefor}</li> </ul>
3/047	<ul style="list-style-type: none"> <li>• portable</li> </ul>	9/022	<ul style="list-style-type: none"> <li>• {Pots for vertical horticulture}</li> </ul>
3/0475	<ul style="list-style-type: none"> <li>• {Hedge shears}</li> </ul>	9/023	<ul style="list-style-type: none"> <li>• {Multi-tiered planters}</li> </ul>
3/053	<ul style="list-style-type: none"> <li>• motor-driven</li> </ul>	9/024	<ul style="list-style-type: none"> <li>• {Hanging flower pots and baskets}</li> </ul>
3/0535	<ul style="list-style-type: none"> <li>• {with rotatable knives}</li> </ul>	9/025	<ul style="list-style-type: none"> <li>• {Containers and elements for greening walls (for covering roofs <a href="#">A01G 9/033</a>)}</li> </ul>
3/06	<ul style="list-style-type: none"> <li>• Hand-held edge trimmers or shears for lawns</li> </ul>	9/026	<ul style="list-style-type: none"> <li>• {Foldable pots}</li> </ul>
3/062	<ul style="list-style-type: none"> <li>• {Motor-driven edge trimmers}</li> </ul>	9/027	<ul style="list-style-type: none"> <li>• {Pots connected in horizontal rows}</li> </ul>
3/065	<ul style="list-style-type: none"> <li>• {Hand operated shears for lawns}</li> </ul>	9/028	<ul style="list-style-type: none"> <li>• {Multi-compartmented pots}</li> </ul>
3/067	<ul style="list-style-type: none"> <li>• {Motor-driven shears for lawns}</li> </ul>	9/029	<ul style="list-style-type: none"> <li>• Receptacles for seedlings (growth substrates in block form <a href="#">A01G 24/44</a>)</li> </ul>
3/08	<ul style="list-style-type: none"> <li>• Other tools for pruning, branching or delimbing standing trees</li> </ul>		<b>WARNING</b> 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> . 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.
3/081	<ul style="list-style-type: none"> <li>• {Manual cutting tools not otherwise provided for, e.g. pruning hooks}</li> </ul>		
3/083	<ul style="list-style-type: none"> <li>• {Manual pruning saws (saws in general <a href="#">B27B</a>)}</li> </ul>		
3/085	<ul style="list-style-type: none"> <li>• {Motor-driven saws for pruning or branching (saws in general <a href="#">B27B</a>)}</li> </ul>		
3/086	<ul style="list-style-type: none"> <li>• {Chain saws (chain saws in general <a href="#">B27B 17/00</a>)}</li> </ul>		
3/088	<ul style="list-style-type: none"> <li>• {Circular saws (circular saws in general <a href="#">B27B 5/00</a>)}</li> </ul>		
5/00	<b>Floral handling</b>		
2005/005	<ul style="list-style-type: none"> <li>• {Thorn removers}</li> </ul>	9/0291	<ul style="list-style-type: none"> <li>• {Planting receptacles specially adapted for remaining in the soil after planting}</li> </ul>
5/02	<ul style="list-style-type: none"> <li>• Apparatus for binding bouquets or wreaths</li> </ul>	9/0293	<ul style="list-style-type: none"> <li>• {Seed or shoot receptacles}</li> </ul>
5/04	<ul style="list-style-type: none"> <li>• Mountings for wreaths, or the like; Racks or holders for flowers</li> </ul>	9/0295	<ul style="list-style-type: none"> <li>• {Units comprising two or more connected receptacles}</li> </ul>
5/06	<ul style="list-style-type: none"> <li>• Devices for preserving flowers</li> </ul>	9/0297	<ul style="list-style-type: none"> <li>• {Grids for supporting several receptacles}</li> </ul>
7/00	<b>Botany in general</b>	9/0299	<ul style="list-style-type: none"> <li>• {Handling or transporting of soil blocks or seedlings}</li> </ul>
7/02	<ul style="list-style-type: none"> <li>• Treatment of plants with carbon dioxide</li> </ul>	9/033	<ul style="list-style-type: none"> <li>• Flat containers for turf, lawn or the like, e.g. for</li> </ul>
7/04	<ul style="list-style-type: none"> <li>• Electric or magnetic {or acoustic} treatment of plants for promoting growth</li> </ul>		

9/04	. Flower-pot saucers	9/247	. . {Watering arrangements}
9/042	. . {Combinations of a saucer and a flower pot attached together}	2009/248	. . {with distillation of water}
9/045	. . {Trays for receiving multiple pots}	9/249	. . {Lighting means (with special arrangements for promoting growth <a href="#">A01G 7/045</a> )}
9/047	. . {Channels or gutters, e.g. for hydroponics}		<b>WARNING</b>
9/06	. Devices for cleaning flower-pots		Group <a href="#">A01G 9/249</a> is incomplete pending reclassification of documents from group <a href="#">A01G 9/26</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 9/26</a> and <a href="#">A01G 9/249</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}	9/26	. . Electric devices {( <a href="#">A01G 9/249</a> takes precedence)}
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> }		<b>WARNING</b>
9/122	. . {Stakes}		Group <a href="#">A01G 9/26</a> is impacted by reclassification into groups <a href="#">A01G 9/249</a> and <a href="#">A01G 7/045</a> .
9/124	. . . {Means for holding stakes upright in, on, or beside pots}		Groups <a href="#">A01G 9/26</a> , <a href="#">A01G 9/249</a> and <a href="#">A01G 7/045</a> should be considered in order to perform a complete search.
9/126	. . {Wirespool supports}		
9/128	. . {Fixing of plants to supports, e.g. by means of clips (tying devices in trellis-work <a href="#">A01G 17/08</a> )}		
9/14	. Greenhouses (cloches <a href="#">A01G 13/04</a> {; glazing bars, glazing clips therefor <a href="#">E04D 3/06</a> )}	9/28	. Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles
9/1407	. . {of flexible synthetic material}		<b>WARNING</b>
9/1415	. . . {with double or multiple walls}		Group <a href="#">A01G 9/28</a> is incomplete pending reclassification of documents from group <a href="#">A01G 9/00</a> .
9/1423	. . {Greenhouse bench structures}		Groups <a href="#">A01G 9/00</a> and <a href="#">A01G 9/28</a> should be considered in order to perform a complete search.
9/143	. . {Equipment for handling produce in greenhouses}		
9/1438	. . {Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches}		
2009/1446	. . . {with perforations}	11/00	<b>Sterilising soil by steam</b>
2009/1453	. . . {containing textile products}	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> )
2009/1461	. . . {containing woven structures}		
9/1469	. . {with double or multiple walls}	2013/004	. {Liquid mulch}
9/1476	. . {Greenhouse gutters (gutters in general <a href="#">E04D 13/064</a> )}	2013/006	. {with perforations}
2009/1484	. . {Glazing apparatus}	2013/008	. {using straw}
2009/1492	. . {Cleaning apparatus}	13/02	. Protective coverings for plants; {Coverings for the ground; } Devices for laying-out {or removing} coverings {(covering materials <a href="#">A01G 9/1438</a> )}
9/16	. . Dismountable or portable greenhouses {; Greenhouses with sliding roofs}	13/0206	. . {Canopies, i.e. devices providing a roof above the plants}
9/18	. Greenhouses for treating plants with carbon dioxide or the like	13/0212	. . . {for individual plants, e.g. for plants in pots}
9/20	. Forcing-frames; Lights {, i.e. glass panels covering the forcing}	2013/0218	. . {for removing}
9/22	. Shades or blinds for greenhouses, or the like {(canopies <a href="#">A01G 13/0206</a> )}	13/0225	. . {Wind breakers, i.e. devices providing lateral protection of the plants}
9/222	. . {Lamellar or like blinds (in general <a href="#">E06B 9/26</a> )}	13/0231	. . {Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses <a href="#">A01G 9/16</a> )}
9/225	. . {Inflatable structures}	13/0237	. . {Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits}
9/227	. . {rolled up during non-use (in general <a href="#">E06B 9/08</a> )}	13/0243	. . {Protective shelters for young plants, e.g. tubular sleeves}
9/24	. Devices {or systems} for heating, ventilating, regulating temperature {, illuminating}, or watering, in greenhouses, forcing-frames, or the like	13/025	. . {Devices for laying-out or removing plant coverings (for ground coverings <a href="#">A01G 13/0287</a> )}
9/241	. . {Arrangement of opening or closing systems for windows and ventilation panels}	13/0256	. . {Ground coverings}
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}		

- 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](#))}
- 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 {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 . 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 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}
	<b>WARNING</b>	25/165	. . {Cyclic operations, timing systems, timing valves, impulse operations}
	Group <a href="#">A01G 24/46</a> is incomplete pending reclassification of documents from group <a href="#">A01G 24/00</a> .	25/167	. . {Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors}
	Groups <a href="#">A01G 24/00</a> and <a href="#">A01G 24/46</a> should be considered in order to perform a complete search.	<b>27/00</b>	<b>Self-acting watering devices, e.g. for flower-pots</b>
24/48	. . containing foam or presenting a foam structure	27/001	. {with intermittent watering means}
	<b>WARNING</b>	27/003	. {Controls for self-acting watering devices}
	Group <a href="#">A01G 24/48</a> is incomplete pending reclassification of documents from group <a href="#">A01G 24/00</a> .	27/005	. {Reservoirs connected to flower-pots through conduits}
	Groups <a href="#">A01G 24/00</a> and <a href="#">A01G 24/48</a> 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}
	<b>WARNING</b>	27/02	. 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)
	Group <a href="#">A01G 24/50</a> is incomplete pending reclassification of documents from group <a href="#">A01G 24/00</a> .	27/04	. using wicks or the like
	Groups <a href="#">A01G 24/00</a> and <a href="#">A01G 24/50</a> 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 <a href="#">A01G 18/22</a> )	<b>29/00</b>	<b>Root feeders; Injecting fertilisers into the roots</b>
	<b>WARNING</b>	<b>31/00</b>	<b>Soilless cultivation, e.g. hydroponics (growth substrates therefor <a href="#">A01G 24/00</a>; cultivation of seaweed <a href="#">A01G 33/00</a>)</b>
	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> .	2031/006	. {with means for recycling the nutritive solution}
	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.	31/02	. Special apparatus therefor (self-acting watering devices <a href="#">A01G 27/00</a> )
<b>25/00</b>	<b>Watering gardens, fields, sports grounds or the like (special apparatus or adaptations for fertilising-liquids <a href="#">A01C 23/00</a>; nozzles or outlets, spraying apparatus <a href="#">B05B</a>)</b>	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}	<b>33/00</b>	<b>Cultivation of seaweed {or algae}</b>
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 ( <a href="#">A01G 25/097</a> 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		