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
1. 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
2. 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.
<table>
<thead>
<tr>
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<td>Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (forestry delimbers A01G 23/005)</td>
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<tr>
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<td>. . . .</td>
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<td>3/005</td>
<td>. . [Removing buds]</td>
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<td>. . [Using spray]</td>
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<td>3/02</td>
<td>. . Secateurs; Flower or fruit shears</td>
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<td>3/021</td>
<td>. . . . [characterized by the arrangement of pivots]</td>
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<td></td>
<td>3/023</td>
<td>. . . . [with means for grasping or collecting the cut objects]</td>
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<tr>
<td></td>
<td>3/025</td>
<td>. . having elongated or extended handles</td>
</tr>
<tr>
<td></td>
<td>3/0251</td>
<td>. . . . {Loppers, i.e. branch cutters with two handles (hedge shears A01G 3/0475)}</td>
</tr>
<tr>
<td></td>
<td>3/0255</td>
<td>. . . . [Tree pruners, i.e. pruning shears carried at the end of a pole]</td>
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<tr>
<td></td>
<td>3/033</td>
<td>. . having motor-driven blades</td>
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<td>. . [having elongated or extended handles]</td>
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<td>3/037</td>
<td>. . . . the driving means being an electric motor</td>
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<td>. . Apparatus for trimming hedges, e.g. hedge shears</td>
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<tr>
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<td>3/0408</td>
<td>. . . . {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)}</td>
</tr>
<tr>
<td></td>
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<td>. . [Guiding frames for trimming hedges]</td>
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<td>3/0426</td>
<td>. . [Machines for pruning vegetation on embankments and road-sides]</td>
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<td>3/0435</td>
<td>. . [Machines specially adapted for shaping plants, e.g. topiaries]</td>
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<tr>
<td></td>
<td>3/0443</td>
<td>. . . . [with height-adjustable platforms]</td>
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<tr>
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<td>. . . . [with platforms for persons]</td>
</tr>
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<td>3/0461</td>
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<td>. . . . [Hedge shears]</td>
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<td>. . Hand-held edge trimmers or shears for lawns</td>
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<td>. . . . . . . . (Motor-driven shears for lawns)</td>
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<tr>
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<td>3/08</td>
<td>. . Other tools for pruning, branchling or delimbing standing trees</td>
</tr>
<tr>
<td></td>
<td>3/081</td>
<td>. . . . . . {Manual cutting tools not otherwise provided for, e.g. pruning books}</td>
</tr>
<tr>
<td></td>
<td>3/083</td>
<td>. . . . . . [Manual pruning saws (saws in general B27B)]</td>
</tr>
<tr>
<td></td>
<td>3/085</td>
<td>. . . . . . [Motor-driven saws for pruning or branchling (saws in general B27B)]</td>
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<td></td>
<td>3/086</td>
<td>. . . . . . [Chain saws (chain saws in general B27B 17/00)]</td>
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<td></td>
<td>3/088</td>
<td>. . . . . . [Circular saws (circular saws in general B27B 5/00)]</td>
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<td>Devices for preserving flowers</td>
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<tr>
<td>5/00</td>
<td>5/02</td>
<td>. . . . . . Apparatus for binding bouquets or wreaths</td>
</tr>
<tr>
<td>5/00</td>
<td>5/04</td>
<td>. . . . Mountings for wreaths, or the like; Racks or holders for flowers</td>
</tr>
<tr>
<td>5/00</td>
<td>5/04</td>
<td>. . . . . . . . Devices for preserving flowers</td>
</tr>
<tr>
<td>5/00</td>
<td>7/00</td>
<td>Botany in general</td>
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<tr>
<td>7/00</td>
<td>7/02</td>
<td>. . . . . . Treatment of plants with carbon dioxide</td>
</tr>
<tr>
<td>7/00</td>
<td>7/04</td>
<td>. . . . . . Electric or magnetic {or acoustic} treatment of plants for promoting growth</td>
</tr>
<tr>
<td>7/045</td>
<td>. . . . . [with electric lighting]</td>
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</tbody>
</table>

**WARNING**

- Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (forestry delimbers A01G 23/005) is incomplete pending reclassification of documents from group A01G 9/26.
- Groups A01G 9/26 and A01G 7/045 should be considered in order to perform a complete search.

**Cultivation in receptacles, forcing-frames or greenhouses** (of mushrooms A01G 18/00; soilless cultivation A01G 31/00; Edging for beds, lawn or the like)

**WARNING**

Group A01G 7/045 is incomplete pending reclassification into groups A01G 18/00, A01G 18/60 and A01G 9/28.

Groups A01G 9/00, A01G 18/00, A01G 18/60 and A01G 9/28 should be considered in order to perform a complete search.

- Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeeing flowers or wood, for prolonging the life of plants

**Floral handling**

**WARNING**

Group A01G 9/00 is impacted by reclassification into groups A01G 18/00, A01G 18/60 and A01G 9/28.

Groups A01G 9/00, A01G 18/00, A01G 18/60 and A01G 9/28 should be considered in order to perform a complete search.

- labels or label holders specially adapted for plant receptacles}
WARNING

Group A01G 9/249 is incomplete pending reclassification of documents from group A01G 9/26.

Groups A01G 9/26 and A01G 9/249 should be considered in order to perform a complete search.

WARNING

Group A01G 9/28 is incomplete pending reclassification of documents from group A01G 9/00.

Groups A01G 9/00 and A01G 9/28 should be considered in order to perform a complete search.

11/00 Sterilising soil by steam

13/00 Protecting plants (apparatus for the destruction of vermin or noxious animals A01M; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, A01N ; coverings around trees forming part of a road E01C 9/005))

2013/004 . [Liquid mulch]
2013/006 . [with perforations]
2013/008 . [using straw]
13/02 . [Protective coverings for plants; (Coverings for the ground;) Devices for laying-out [or removing] coverings [covering materials A01G 9/1428]]
13/0206 . [Canopies, i.e. devices providing a roof above the plants]
13/0212 . [for individual plants, e.g. for plants in pots]
13/0218 . [for removing]
13/0225 . [Wind breakers, i.e. devices providing lateral protection of the plants]
13/0231 . [Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses A01G 9/16)]
13/0237 . [Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits]
13/0243 . [Protective shelters for young plants, e.g. tubular sleeves]
13/025 . [Devices for laying-out or removing plant coverings (for ground coverings A01G 13/0287)]
13/0256 . [Ground coverings]
13/0262 . . . {Mulches, i.e. covering material not-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; composition of mulches
C09K 17/52)}
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.
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.

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.

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.

Cultivation rooms; Equipment therefor

**WARNING**
Group A01G 18/60 is incomplete pending reclassification of documents from groups A01G 18/00 and A01G 18/20.
Groups A01G 18/00, A01G 18/20, and A01G 18/60 should be considered in order to perform a complete search.

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.

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.

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.

Cultivation containers; Lids therefor

**WARNING**
Group A01G 18/64 is incomplete pending reclassification of documents from group A01G 18/00.

Groups A01G 18/00, A01G 18/64, and A01G 18/65 should be considered in order to perform a complete search.

Groups A01G 18/64, A01G 18/65, and A01G 18/66 are 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.

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.

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.

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.

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 18/64.
Groups A01G 18/00, A01G 18/64, and A01G 18/69 should be considered in order to perform a complete search.

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. Groups A01G 20/00, A01G 20/12, A01G 20/15, A01G 20/18, A01G 20/35, A01G 20/40, and A01G 20/47 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 impacted by 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.
A01G

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.
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 delimming trees (delimming 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 delimming head mounted on a second boom
23/087 . . . Shearing apparatus or the like specially adapted for felling trees (A01G 23/081, A01G 23/083, A01G 23/093 take precedence)
23/089 . . . having two or more shears
23/09 . . . of the percussion type
23/091 . . . Sawing apparatus specially adapted for felling trees (A01G 23/081, A01G 23/083, A01G 23/093 take precedence)
23/093 . . . Combinations of shearing, sawing or milling apparatus specially adapted for felling trees
23/095 . . . Delimiters (A01G 23/083 takes precedence)
23/0955 . . . Self-propelled along standing trees
23/097 . . . having a fixed delimming 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**
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.
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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

in block, mat or sheet form

**WARNING**

Group A01G 24/44 is incomplete pending reclassification of documents from groups A01G 9/029 and A01G 24/00.
Groups A01G 9/029, A01G 24/00, and A01G 24/44 should be considered in order to perform a complete search.
24/46 . . . multi-layered

**WARNING**

Group A01G 24/46 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/46 should be considered in order to perform a complete search.

24/48 . . . containing foam or presenting a foam structure

**WARNING**

Group A01G 24/48 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/48 should be considered in order to perform a complete search.

24/50 . . . contained within a flexible envelope

**WARNING**

Group A01G 24/50 is incomplete pending reclassification of documents from group A01G 24/00.

Groups A01G 24/00 and A01G 24/50 should be considered in order to perform a complete search.

25/00 Watering gardens, fields, sports grounds or the like (special apparatus or adaptations for fertilising-liquids A01C 23/00; nozzles or outlets, spraying apparatus B05B)

2025/003 . . . with an impermeable layer in the ground

2025/006 . . . Tubular drip irrigation dispensers mounted coaxially within water feeding tubes

25/02 . . . Watering arrangements located above the soil which make use of perforated pipe-lines or pipe-lines with dispensing fittings, e.g. for drip irrigation

25/023 . . . [Dispensing fittings for drip irrigation, e.g. drippers]

25/026 . . . [Apparatus or processes for fitting the drippers to the hoses or the pipes]

25/06 . . . Watering arrangements making use of perforated pipe-lines located in the soil

25/09 . . . Watering arrangements making use of moveable installations on wheels or the like

25/092 . . . [movable around a pivot centre]

25/095 . . . [winch-driven (A01G 25/097 takes precedence)]

25/097 . . . [guided or propelled along a water supply line with supply line traversing means]

25/14 . . . Hand watering devices, e.g. watering cans

25/145 . . . [with pumps]

25/16 . . . Control of watering

25/162 . . . [Sequential operation]

25/165 . . . [Cyclic operations, timing systems, timing valves, impulse operations]

25/167 . . . [Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors]

27/00 Self-acting watering devices, e.g. for flower-pots

27/001 . . . [with intermittent watering means]

27/003 . . . [Controls for self-acting watering devices]

27/005 . . . [Reservoirs connected to flower-pots through conduits]

27/006 . . . [Reservoirs, separate from plant-pots, dispensing directly into root medium]

27/008 . . . [Component parts, e.g. dispensing fittings, level indicators]

27/02 . . . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate (A01G 27/06 takes precedence)

27/04 . . . using wicks or the like

27/06 . . . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate

29/00 Root feeders; Injecting fertilisers into the roots

31/00 Soilless cultivation, e.g. hydroponics (growth substrates therefor A01G 24/00; cultivation of seaweed A01G 33/00)

2031/006 . . . [with means for recycling the nutritive solution]

31/02 . . . Special apparatus therefor (self-acting watering devices A01G 27/00)

31/04 . . . Hydroponic culture on conveyors

31/042 . . . [with containers travelling on a belt or the like, or conveyed by chains]

31/045 . . . [with containers guided along a rail]

31/047 . . . [with containers inside rotating drums or rotating around a horizontal axis, e.g. carousels]

31/06 . . . Hydroponic culture on racks or in stacked containers

33/00 Cultivation of seaweed (or algae)