

SECTION A — HUMAN NECESSITIES

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; devices for topping or skinning onions or flower bulbs A23N 15/08; propagating unicellular algae C12N 1/12; plant cell culture C12N 5/00)

Subclass index

CULTIVATION IN GENERAL.....	2/00, 3/00, 7/00, 9/00, 17/00, 20/00, 22/00, 24/00
SOILLESS CULTIVATION.....	31/00
CULTIVATION OF SEAWEED.....	33/00
PROTECTING PLANTS.....	11/00, 13/00, 15/00
PICKING OR HANDLING FLOWERS, HANDLING FRUIT.....	3/00, 5/00
FORESTRY.....	23/00
WATERING.....	25/00, 27/00, 29/00

2/00 Vegetative propagation (plant reproduction by tissue culture techniques A01H 4/00) [2018.01]

2/10 • by means of cuttings [2018.01]

2/20 • Layering [2018.01]

2/30 • Grafting (grafting-wax A01N 3/04) [2018.01]

2/32 • • Automatic apparatus therefor [2018.01]

2/35 • • Cutting; Inserting [2018.01]

2/38 • • Holding; Ligating [2018.01]

3/00 Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (felling trees A01G 23/08; mowers having rotating flexible line cutters A01D 34/416; special adaptation of mowers for carrying by the operator A01D 34/90; hand-held cutting tools suitable for other use B26B) [1, 5, 2006.01]

3/02 • Secateurs; Flower or fruit shears [1, 2006.01]

3/025 • • having elongated or extended handles [6, 2006.01]

3/033 • • having motor-driven blades [6, 2006.01]

3/037 • • • the driving means being an electric motor [6, 2006.01]

3/04 • Apparatus for trimming hedges, e.g. hedge shears [1, 6, 2006.01]

3/047 • • portable [6, 2006.01]

3/053 • • • motor-driven [6, 2006.01]

3/06 • Hand-held edge trimmers or shears for lawns (mowers combined with lawn edgers A01D 43/16) [1, 2006.01]

3/08 • Other tools for pruning, branching or delimbing standing trees [1, 2, 5, 2006.01]

5/00 Floral handling [1, 2006.01]

5/02 • Apparatus for binding bouquets or wreaths [1, 2006.01]

5/04 • Mountings for wreaths, or the like; Racks or holders for flowers [1, 2006.01]

5/06 • Devices for preserving flowers (chemical substances A01N 3/02; flower vases A47G 7/06) [1, 2006.01]

7/00 Botany in general (soilless cultivation A01G 31/00) [1, 2006.01]

7/02 • Treatment of plants with carbon dioxide (greenhouses therefor A01G 9/18) [1, 2006.01]

7/04 • Electric or magnetic treatment of plants for promoting growth [1, 2006.01]

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 [1, 2006.01]

9/00 Receptacles, forcing-frames or greenhouses for horticulture (for mushrooms A01G 18/60; soilless cultivation A01G 31/00); **Edging for beds, lawn or the like** [1, 2006.01, 2018.01]

9/02 • Receptacles, e.g. flower-pots or boxes (hanging flower baskets, holders or containers for flower-pots A47G 7/00); Glasses for cultivating flowers [1, 2006.01, 2018.01]

9/029 • • Pots for seedlings [2018.01]

9/033 • • Flat containers for turf, lawn or the like, e.g. for covering roofs [2018.01]

9/04 • Flower-pot saucers [1, 2006.01]

9/06 • Devices for cleaning flower-pots [1, 2006.01]

9/08 • Devices for filling-up flower-pots; Devices for setting plants in pots [1, 2006.01]

9/12 • Supports for plants; Trellis for strawberries or the like (stays for trees, props for vines A01G 17/14) [1, 2006.01]

9/14 • Greenhouses (cloches A01G 13/04) [1, 2006.01]

9/16 • • Dismountable or portable greenhouses [1, 2006.01]

9/18 • Greenhouses for treating plants with carbon dioxide or the like [1, 2006.01]

9/20 • Forcing-frames; Lights [1, 2006.01]

9/22 • Shades or blinds for greenhouses, or the like [1, 2006.01]

9/24 • Devices for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like [1, 2006.01]

- 9/26 • • Electric devices [1, 2006.01]
- 9/28 • *Raised beds; Planting beds; Edging elements for beds, lawn or the like, e.g. tiles* [2018.01]
- 11/00 **Sterilising soil by steam** (soil-conditioning or soil-stabilising materials C09K 17/00) [1, 2006.01]
- 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) [1, 2006.01]
- 13/02 • Protective coverings for plants; Devices for laying-out coverings [1, 2006.01]
- 13/04 • • Cloches [1, 2006.01]
- 13/06 • Devices for generating heat, smoke, or fog in gardens, orchards, or forests, e.g. to prevent damage by frost (chemical aspects of generating smoke or mist C06D 3/00; heating devices in general, *see* the appropriate classes, e.g. F24) [1, 2006.01]
- 13/08 • Mechanical apparatus for circulating the air [1, 2006.01]
- 13/10 • Devices for affording protection against animals, birds, or other pests (A01M 29/00 takes precedence; traps A01M 23/00; pesticides A01N) [1, 2, 2006.01]
- 15/00 **Devices or methods for influencing weather conditions** (dispersing fog in general E01H 13/00) [1, 2006.01]
- 17/00 **Cultivation of hops, vines, fruit trees, or like trees** [1, 2006.01]
- 17/02 • Cultivation of hops or vines [1, 2006.01]
- 17/04 • Supports for hops, vines, or trees [1, 2006.01]
- 17/06 • • Trellis-work [1, 2006.01]
- 17/08 • • • Tools for attaching hops, vines, or boughs to trellis-work; Tying devices [1, 2006.01]
- 17/10 • • Holders for boughs or branches [1, 2006.01]
- 17/12 • • Tree-bands [1, 2006.01]
- 17/14 • • Props; Stays [1, 2006.01]
- 17/16 • • • Devices for driving-in or pulling-out props [1, 2006.01]
- 17/18 • Means for filling-up wounds in trees [1, 2006.01]
- 18/00 **Cultivation of mushrooms** [2018.01]
- 18/10 • *Mycorrhiza; Mycorrhizal associations* [2018.01]
- 18/20 • *Culture media, e.g. compost* [2018.01]
- 18/22 • • *Apparatus for the preparation of culture media, e.g. bottling devices* [2018.01]
- 18/30 • *Accessories for use before inoculation of spawn, e.g. sterilisers* [2018.01]
- 18/40 • *Cultivation of spawn* [2018.01]
- 18/50 • *Inoculation of spawn* [2018.01]
- 18/55 • • *Forming inoculation holes* [2018.01]
- 18/60 • *Cultivation rooms; Equipment therefor* [2018.01]
- 18/61 • • *Growth guides for fruiting bodies, e.g. paper rolls* [2018.01]
- 18/62 • • *Racks; Trays* [2018.01]
- 18/64 • • *Cultivation containers; Lids therefor* [2018.01]
- 18/65 • • • *characterised by the lids, e.g. lids with filters* [2018.01]
- 18/66 • • • *Cultivation bags* [2018.01]
- 18/68 • • • *Cultivation bottles* [2018.01]
- 18/69 • • *Arrangements for managing the environment, e.g. sprinklers* [2018.01]
- 18/70 • *Harvesting* [2018.01]
- 18/80 • *Accessories for use after harvesting, e.g. scrapers* [2018.01]
- 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) [2018.01]
- 20/10 • *Pre-cultivated sod or turf; Apparatus therefor* [2018.01]
- 20/12 • • *Apparatus for cutting sods or turfs* [2018.01]
- 20/15 • • • *specially adapted for stacking sods or sod rolls* [2018.01]
- 20/18 • • *Apparatus for laying sods or turfs* [2018.01]
- 20/20 • *Cultivation on mats* [2018.01]
- 20/30 • *Apparatus for treating the lawn or grass surface (machines for aerating lawns A01B 45/02)* [2018.01]
- 20/35 • • *Garden rollers* [2018.01]
- 20/40 • *Apparatus for cleaning the lawn or grass surface* [2018.01]
- 20/43 • • *for sweeping, collecting or disintegrating lawn debris* [2018.01]
- 20/47 • • • *Vacuum or blower devices* [2018.01]
- 22/00 **Cultivation of specific crops or plants not otherwise provided for** [2018.01]
- 22/05 • *Fruit crops, e.g. strawberries, tomatoes or cucumbers* [2018.01]
- 22/10 • *Asparagus* [2018.01]
- 22/15 • *Leaf crops, e.g. lettuce or spinach* [2018.01]
- 22/20 • *Cereals* [2018.01]
- 22/22 • • *Rice* [2018.01]
- 22/25 • *Root crops, e.g. potatoes, yams, beet or wasabi* [2018.01]
- 22/30 • *Moss* [2018.01]
- 22/35 • *Bulbs; Alliums, e.g. onions or leeks* [2018.01]
- 22/40 • *Fabaceae, e.g. beans or peas* [2018.01]
- 22/45 • *Tobacco* [2018.01]
- 22/50 • *Cotton* [2018.01]
- 22/55 • *Sugar cane* [2018.01]
- 22/60 • *Flowers; Ornamental plants* [2018.01]
- 22/63 • • *Orchids* [2018.01]
- 22/67 • • *Dwarf trees, e.g. bonsai* [2018.01]
- 23/00 **Forestry** [1, 2006.01]
- 23/02 • *Transplanting, uprooting, felling or delimbing trees (delimbing standing trees A01G 3/00)* [1, 5, 2006.01]
- Note(s) [5]**
- Tree feeding devices are covered by group B27B 25/00.
- 23/04 • • *Transplanting trees; Devices for grasping the root ball, e.g. stump forceps; Wrappings or packages for transporting trees* [1, 2006.01]
- 23/06 • • *Uprooting or pulling up trees; Extracting or eliminating stumps* [1, 5, 2006.01]
- 23/08 • • *Felling trees (axes B26B 23/00; saws, sawing machines B27B)* [1, 2006.01]
- 23/081 • • • *Feller-bunchers, i.e. with bunching by felling head (A01G 23/083 takes precedence)* [5, 2006.01]
- 23/083 • • • *Feller-delimbers* [5, 2006.01]
- 23/085 • • • • *having the shearing head mounted on a first boom and the delimbing head mounted on a second boom* [5, 2006.01]
- 23/087 • • • *Shearing apparatus or the like specially adapted for felling trees (A01G 23/081, A01G 23/083, A01G 23/093 take precedence)* [5, 2006.01]
- 23/089 • • • • *having two or more shears* [5, 2006.01]
- 23/09 • • • • *of the percussion type* [5, 2006.01]

- 23/091 • • • Sawing apparatus specially adapted for felling trees (A01G 23/081, A01G 23/083, A01G 23/093 take precedence) [5, 2006.01]
- 23/093 • • • Combinations of shearing, sawing or milling apparatus specially adapted for felling trees [5, 2006.01]
- 23/095 • • Delimbers (A01G 23/083 takes precedence; manufacture of wood shavings, chips, powder, or the like B27L 11/00) [5, 2006.01]
- 23/097 • • • having a fixed delimbing head [5, 2006.01]
- 23/099 • • Auxiliary devices, e.g. felling wedges [5, 2006.01]
- 23/10 • Tapping of tree-juices, e.g. caoutchouc, gum [1, 2006.01]
- 23/12 • • Knives or axes for tapping [1, 2006.01]
- 23/14 • • Tapping-spouts; Receptacles for juices [1, 2006.01]
- 24/00 Growth substrates; Culture media; Apparatus or methods therefor (for mushrooms A01G 18/20) [2018.01]**
- 24/10 • based on or containing inorganic material [2018.01]
- 24/12 • • containing soil minerals [2018.01]
- 24/13 • • • Zeolites [2018.01]
- 24/15 • • • Calcined rock, e.g. perlite, vermiculite or clay aggregates [2018.01]
- 24/17 • • containing slag [2018.01]
- 24/18 • • containing inorganic fibres, e.g. mineral wool [2018.01]
- 24/20 • based on or containing natural organic material [2018.01]
- 24/22 • • containing plant material [2018.01]
- 24/23 • • • Wood, e.g. wood chips or sawdust [2018.01]
- 24/25 • • • Dry fruit hulls or husks, e.g. chaff or coir [2018.01]
- 24/27 • • • Pulp, e.g. bagasse [2018.01]
- 24/28 • • containing peat, moss or sphagnum [2018.01]
- 24/30 • based on or containing synthetic organic compounds [2018.01]
- 24/35 • • containing water-absorbing polymers [2018.01]
- 24/40 • characterised by their structure [2018.01]
- 24/42 • • of granular or aggregated structure [2018.01]
- 24/44 • • in block, mat or sheet form [2018.01]
- 24/46 • • • multi-layered [2018.01]
- 24/48 • • containing foam or presenting a foam structure [2018.01]
- 24/50 • contained within a flexible envelope [2018.01]
- 24/60 • Apparatus for preparing growth substrates or culture media (for mushrooms A01G 18/22) [2018.01]
- 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; gravity flow, open channel irrigation ditch systems E02B 13/00) [1, 2006.01]**
- 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 (perforated pipes per se B05B 1/20) [1, 4, 2006.01]
- 25/06 • Watering arrangements making use of perforated pipe-lines located in the soil (perforated pipes per se B05B 1/20; similar arrangements for drainage E02B 11/00) [1, 2006.01]
- 25/09 • Watering arrangements making use of movable installations on wheels or the like [2, 2006.01]
- 25/14 • Hand watering devices, e.g. watering cans [1, 2006.01]
- 25/16 • Control of watering (controlling spraying devices B05B) [2, 2006.01]
- 27/00 Self-acting watering devices, e.g. for flower-pots [1, 2006.01]**
- 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) [6, 2006.01]
- 27/04 • using wicks or the like [6, 2006.01]
- 27/06 • • having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate [6, 2006.01]
- 29/00 Root feeders; Injecting fertilisers into the roots [1, 2006.01]**
- 31/00 Soilless cultivation, e.g. hydroponics (growth substrates therefor A01G 24/00; cultivation of seaweed A01G 33/00) [1, 2, 2006.01, 2018.01]**
- 31/02 • Special apparatus therefor (apparatus for cultivation in receptacles or greenhouses in general A01G 9/00; self-acting watering devices A01G 27/00) [1, 2006.01]
- 31/04 • • Hydroponic culture on conveyors [6, 2006.01]
- 31/06 • • Hydroponic culture on racks or in stacked containers [6, 2006.01]
- 33/00 Cultivation of seaweed [2, 2006.01]**
- 33/02 • of laver [2, 2006.01]