

ECLA**EUROPEAN CLASSIFICATION****A01G**

HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING (picking of fruits, vegetables, hops, or the like [A01D46/00](#); plant reproduction by tissue culture techniques [A01H4/00](#); devices for topping or skinning onions or flower bulbs [A23N15/08](#); propagating unicellular algae [C12N1/12](#); plant cell culture [C12N5/00](#))

[N: WARNING]

The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:

[A01G33/02](#) covered by [A01G33/00](#)
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A01G1/00

Horticulture; Cultivation of vegetables (labels or name-plates [G09F3/00](#), [G09F7/00](#))

A01G1/00B

- [N: Horticultural methods] [N1204]

A01G1/00C

- [N: Growing turf]

A01G1/00C1

- • [N: Pre-cultivated sod; Machines for laying it down] [N1204]

A01G1/00C2

- • [N: Planted mats, e.g. for covering roofs] [N1204]

A01G1/00C3

- • [N: Flat containers, e.g. for covering roofs] [N1204]

A01G1/02

- Cultivation of asparagus

A01G1/04

- Cultivation of mushrooms (composts or fertilisers for cultivating mushrooms [C05](#))

A01G1/04B

- • [N: Growing rooms with treatment apparatus; Cultivation racks or trays]

A01G1/04C

- • [N: Apparatus for treating mushroom compost]

A01G1/04D

- • [N: Cultivation bags or bottles]

A01G1/04F

- • [N: Mycorrhiza]

A01G1/06

- Grafting (grafting-wax [A01N3/04](#))

A01G1/08

- Edging for beds, lawns, or the like, e.g. using tiles

A01G1/12

- Tools for cultivating turf; Sweeping apparatus for lawns; Garden rollers (machines for treating meadows or lawns [A01B45/00](#); lawn-mowers [A01D34/00](#))

A01G1/12B

- • [N: Machines for sweeping lawns and for collecting or disintegrating lawn debris]

A01G3/00

Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (felling trees [A01G23/08](#); hand-held cutting tools suitable for other use [B26B](#))

A01G3/00B

- [N: for comminuting plant waste (comminuting by cutting implements in general [B02C18/00](#))]

A01G3/02

- Secateurs; Flower or fruit shears

- A01G3/02B . . [N: characterized by the arrangement of pivots] [N1204]
- A01G3/025 . . having elongated or extended handles
- A01G3/025B . . . [N: Loppers, i.e. branch cutters with two handles (hedge shears [A01G3/047B](#))] [N1204]
- A01G3/025B1 [N: characterized by the arrangement of pivots] [N1204]
- A01G3/025C [N: Tree pruners, i.e. pruning shears carried at the end of a pole] [N1204]
- A01G3/025C1 [N: actuated by pulling a rope or the like] [N1204]
- A01G3/025C2 [N: actuated by a shaft transmission, e.g. inside the pole] [N1204]
- A01G3/033 . . having motor-driven blades
- A01G3/033B . . . [N: having elongated or extended handles] [N1204]
- A01G3/037 . . . the driving means being an electric motor

- A01G3/04 . Apparatus for trimming hedges, e.g. hedge shears
- A01G3/04B . . [N: specially adapted for trellis work, e.g. machines for pruning vine or the like (preliminary pruning vines [A01G17/02B](#); defoliating machines [A01G17/02C](#))] [N1204]
- A01G3/04C . . [N: Guiding frames for trimming hedges] [N1204]
- A01G3/04D . . [N: Machines for pruning vegetation on embankments and road-sides] [N1204]
- A01G3/04E . . [N: Machines specially adapted for shaping plants, e.g. topiaries] [N1204]
- A01G3/047 . . portable
- A01G3/047B . . . [N: Hedge shears] [N1204]
- A01G3/053 . . . motor-driven
- A01G3/053B [N: with rotatable knives]

- A01G3/06 . Hand-held edge trimmers or shears for lawns [N: (with a flexible rotating cutter [A01D34/00C4](#))]
- A01G3/06B . . [N: Motor-driven edge trimmers]
- A01G3/06C . . [N: Hand operated shears for lawns]
- A01G3/06D . . [N: Motor-driven shears for lawns]

- A01G3/08 . Other tools for pruning, branching or delimbing standing trees
- A01G3/08B . . [N: Manual cutting tools not otherwise provided for, e.g. pruning hooks] [N1204]
- A01G3/08C . . [N: Manual pruning saws (saws in general [B27B](#))] [N1204]
- A01G3/08D . . [N: Motor-driven saws for pruning or branching (saws in general [B27B](#))] [N1204]
- A01G3/08D1 . . . [N: Chain saws (chain saws in general [B27B17/00](#))] [N1204]
- A01G3/08D2 . . . [N: Circular saws (circular saws in general [B27B5/00](#))] [N1204]

A01G5/00**Floral handling**

- A01G5/02 . Apparatus for binding bouquets or wreaths
- A01G5/04 . Mountings for wreaths, or the like; Racks or holders for flowers
- A01G5/06 . Devices for preserving flowers (chemical substances [A01N3/02](#); flower vases [A47G7/06](#))

A01G7/00**Botany in general (cultivation without soil [A01G31/00](#))**

- A01G7/02 . Treatment of plants with carbon dioxide ([greenhouses therefor A01G9/18](#))
- A01G7/04 . Electric or magnetic treatment of plants for promoting growth
- A01G7/04B . . [N: with electric lighting]
- A01G7/06 . Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeing flowers or wood, for prolonging the life of plants
- A01G9/00** **Cultivation of flowers, vegetables or rice in receptacles, forcing-frames, or greenhouses** ([cultivation without soil A01G31/00](#); [N: turbing of roofs [E04D11/00B](#)])
- A01G9/00B . [N: Labels or label holders for flower pots] [N1204]
- A01G9/02 . Receptacles, e.g. flower-pots or boxes ([hanging flower baskets, holders or containers for flower-pots A47G7/00](#)); Glasses for cultivating flowers
- A01G9/02B . . [N: Pots formed in one piece; Materials used therefor]
- A01G9/02C . . [N: Pots for vertical horticulture] [C1204]
- A01G9/02C1 . . . [N: Multi-tiered planters] [N1204]
- A01G9/02C2 . . . [N: Hanging flower pots and baskets] [N1204]
- A01G9/02C3 . . . [N: Containers and elements for greening walls ([for covering roofs A01G1/00C3](#))] [N1204]
- A01G9/02D . . [N: Foldable pots]
- A01G9/02F . . [N: Pots connected in horizontal rows]
- A01G9/02G . . [N: Multi-compartmented pots]
- A01G9/04 . Flower-pot saucers
- A01G9/04B . . [N: Combinations of a saucer and a flower pot attached together] [N0705]
- A01G9/04C . . [N: Trays for receiving multiple pots] [N0705]
- A01G9/04D . . [N: Channels or gutters, e.g. for hydroponics] [N0705]
- A01G9/06 . Devices for cleaning flower-pots
- A01G9/08 . Devices for filling-up flower-pots [N: or pots for seedlings]; Devices for setting plants [N: or seeds] in pots [C0705]
- A01G9/08B . . [N: Devices for filling-up pots] [N0705]
- A01G9/08C . . [N: Devices for setting plants in pots] [N0705]
- A01G9/08D . . [N: Devices for setting seeds in pots] [N0705]
- A01G9/08E . . [N: Devices for repotting] [N0705]
- A01G9/08F . . [N: Handling or transferring pots] [N0705]
- A01G9/10 . Pots [N: (or other receptacles)] for seedlings, [N: saplings, cuttings or other young plants (foldable pots)]; Soil [N: (or like)] blocks for seedlings; [N: Plant substrate bodies]; Means for forming soil-blocks [C0711]
- A01G9/10B . . [N: Tools, machines and methods for forming soil blocks or compressed pots, e.g. from peat] [C0711]
- A01G9/10C . . [N: soil blocks or compressed pots] [C0711]
- A01G9/10D . . [N: Planting receptacles specially adapted for remaining in the soil after planting]

- C0711]
- A01G9/10E . . [N: Seed or shoot receptacles] [N0711]
- A01G9/10F . . [N: Sterile receptacles, e.g. for tissue culture] [C0711]
- A01G9/10G . . [N: Units comprising two or more connected receptacles] [C0711]
- A01G9/10H . . [N: Grids for supporting several receptacles] [N0711]
- A01G9/10I . . [N: Receptacles specially adapted for air layering] [N0711]
- A01G9/10J . . [N: Handling or transporting of soil blocks or seedlings] [N0711]
- A01G9/10K . . [N: Composition of plant substrate bodies (plant growth regulators A01N; fertilizers C05; soil conditioning or soil stabilizing materials [C09K17/00](#))] [N0711]
- A01G9/12 . Supports for plants; Trellis for strawberries or the like ([N: trellis-work for vines [A01G17/06](#)]; stays for trees, props for vines [A01G17/14](#))
- A01G9/12B . . [N: Stakes]
- A01G9/12B1 . . . [N: Means for holding stakes upright in, on, or beside pots]
- A01G9/12C . . [N: Wirespool supports]
- A01G9/12D . . [N: Fixing of plants to supports, e.g. by means of clips]
- A01G9/14 . Greenhouses ([cloches A01G13/04](#); [N: glazing bars, glazing clips therefor [E04D3/06](#)])
- A01G9/14B . . [N: of flexible synthetic material]
- A01G9/14B1 . . . [N: with double or multiple walls]
- A01G9/14C . . [N: Greenhouse bench structures]
- A01G9/14D . . [N: Equipment for handling produce in greenhouses]
- A01G9/14E . . [N: Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches] [C0605]
- A01G9/14F . . [N: with double or multiple walls]
- A01G9/14G . . [N: Greenhouse gutters ([gutters in general E04D13/064](#))] [C0103]
- A01G9/16 . . Dismountable or portable greenhouses; [N: Greenhouses with sliding roofs]
- A01G9/18 . Greenhouses for treating plants with carbon dioxide or the like
- A01G9/20 . Forcing-frames; Lights
- A01G9/22 . Shades or blinds for greenhouses, or the like [N: (canopies A01G13/02B)] [C0605]
- A01G9/22B . . [N: Lamellar or like blinds ([in general E06B9/26](#))]
- A01G9/22C . . [N: Inflatable structures]
- A01G9/22D . . [N: rolled up during non-use ([in general E06B9/08](#))]
- A01G9/24 . Devices [N: or systems] for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like
- A01G9/24B . . [N: Arrangement of opening or closing systems for windows and ventilation panels]
- A01G9/24B1 . . . [N: for greenhouses with flexible coverings]
- A01G9/24C . . [N: Collecting solar energy ([in general F24J](#))]
- A01G9/24D . . [N: Conduits for heating by means of liquids, e.g. used as frame members or for soil heating]
- A01G9/24E . . [N: Air-conditioning systems]
- A01G9/24F . . [N: Watering arrangements]

- A01G9/26 . . . Electric devices
- A01G11/00** **Sterilising soil by steam** (soil-conditioning or soil-stabilising materials [C09K17/00](#))
- A01G13/00** **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](#); [N: coverings around trees forming part of a road [E01C9/00D2](#)])
- A01G13/02 . . . Protective coverings for plants; [N: Coverings for the ground;] Devices for laying-out [N: or removing] coverings [N: (covering materials [A01G9/14E](#))] [[C0605](#)]
- A01G13/02B . . . [N: Canopies, i.e. devices providing a roof above the plants] [[C0605](#)]
- A01G13/02B1 [N: for individual plants, e.g. for plants in pots] [[N0603](#)]
- A01G13/02C . . . [N: Wind breakers, i.e. devices providing lateral protection of the plants] [[C0605](#)]
- A01G13/02D . . . [N: Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses [A01G9/16](#))] [[N0603](#)]
- A01G13/02E . . . [N: Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits] [[N0603](#)] [[C0605](#)]
- A01G13/02F . . . [N: Protective shelters for young plants, e.g. tubular sleeves] [[N0603](#)]
- A01G13/02G . . . [N: Devices for laying-out or removing plant coverings (for ground coverings [A01G13/02S4](#))] [[N0603](#)]
- A01G13/02S . . . [N: Ground coverings] [[N0603](#)]
- A01G13/02S1 [N: Mulches, i.e. covering material not-pre-formed in mats or sheets ([A01G13/00S3](#) takes precedence; composition of mulches [C09K17/52](#))] [[N0603](#)]
- A01G13/02S2 [N: Mats or sheets, e.g. nets or fabrics ([A01G13/00S3](#) takes precedence)] [[N0603](#)]
- A01G13/02S2B [N: Films] [[N0603](#)]
- A01G13/02S3 [N: Protective ground coverings for individual plants, e.g. for plants in pots (coverings around trees forming part of a road [E01C9/00D2](#))] [[N0603](#)]
- A01G13/02S4 [N: Devices for laying-out or removing ground coverings] [[N0603](#)]
- A01G13/02S5 [N: Anchoring means for ground coverings] [[N0603](#)]
- A01G13/04 . . . Cloches [N: i.e. protective full coverings for individual plants (dismountable or portable greenhouses [A01G9/16](#); individual canopies [A01G13/02B1](#))] [[C0605](#)]
- A01G13/04B [N: with flexible coverings]
- A01G13/06 . . . Devices for generating heat, smoke, or fog in gardens, orchards, or forests, e.g. to prevent damage by frost ([N: bee-smokers [A01K55/00](#); fumigators for destroying insects [A01M13/00D](#); for destroying rats [A01M17/00B2](#); chemical aspects of generating smoke or mist [C06D3/00](#); heating devices in general, see the appropriate classes, e.g. [F24](#)])
- A01G13/06B . . . [N: Frost protection by generating fog or by spraying]
- A01G13/08 . . . Mechanical apparatus for circulating the air
- A01G13/10 . . . Devices for affording protection against animals, birds, or other pests [N: (protective shelters for young plants [A01G13/02F](#))] (traps [A01M23/00](#) [N: scaring or repelling devices [A01M29/00](#)]; pesticides [A01N](#)) [[C0605](#)]
- A01G13/10B . . . [N: Protective devices against slugs, snails, crawling insects or other climbing animals]

A01G15/00	Devices or methods for influencing weather conditions (dispersing fog in general E01H13/00)
A01G16/00	Cultivation of rice (A01G9/00 takes precedence)
A01G17/00	Cultivation of hops, vines, fruit trees, or like trees
A01G17/00B	. [N: Cultivation methods] [N1204]
A01G17/02	. Cultivation of hops or vines
A01G17/02B	. . [N: Machines for priming and/or preliminary pruning of vines, i.e. removing shoots and/or buds (trimming apparatus for trellis work A01G3/04B)] [N1204]
A01G17/02C	. . [N: Machines for removing leaves of vines] [N1204]
A01G17/04	. Supports for hops, vines, or trees
A01G17/06	. . Trellis-work
A01G17/08	. . . Tools for attaching hops, vines, or boughs to trellis-work; Tying devices
A01G17/08B [N: Tying instruments; Espalier machines]
A01G17/10	. . Holders for boughs or branches
A01G17/12	. . Tree-bands
A01G17/14	. . Props; Stays
A01G17/16	. . . Devices for driving-in or pulling-out props
A01G17/18	. Means for filling-up wounds in trees
A01G21/00	[N: IPC2] Devices for hanging-up harvested fruit
A01G23/00	Forestry
A01G23/00B	. [N: Collecting felled trees]
A01G23/00B1	. . [N: Log skidders]
A01G23/02	. Transplanting, uprooting, felling or delimbing trees (delimbing standing trees A01G3/00)
	Note Tree feeding devices are covered by group B27B25/00
A01G23/04	. . Transplanting trees; Devices for grasping the root ball, e.g. stump forceps; Wrappings or packages for transporting trees
A01G23/04A	. . . [N: Transplanting devices for grasping, undercutting or transporting the root ball (A01G23/04B takes precedence)] [N9505]
A01G23/04B	. . . [N: Transplanting devices using elements to be driven into the ground for making a container around the root ball] [N9505]
A01G23/06	. . Uprooting or pulling up trees; Extracting or eliminating stumps
A01G23/06B	. . . [N: Pulling up trees or stumps]

- A01G23/06B1 [N: in a substantially vertical plane]
- A01G23/06C [N: by comminuting the tree stumps]
- A01G23/08 . . Felling trees (axes [B26B23/00](#); saws, sawing machines [B27B](#))
- A01G23/081 . . . Feller-bunchers, i.e. with bunching by felling head ([A01G23/083](#) takes precedence)
- A01G23/083 . . . Feller-delimbers
- A01G23/085 having the shearing head mounted on a first boom and the delimbing head mounted on a second boom
- A01G23/087 . . . Shearing apparatus or the like specially adapted for felling trees ([A01G23/081](#), [A01G23/083](#), [A01G23/093](#) take precedence)
- A01G23/089 having two or more shears
- A01G23/09 of the percussion type
- A01G23/091 . . . Sawing apparatus specially adapted for felling trees ([A01G23/081](#), [A01G23/083](#), [A01G23/093](#) take precedence)
- A01G23/093 . . . Combinations of shearing, sawing or milling apparatus specially adapted for felling trees
- A01G23/095 . . Delimbers ([A01G23/083](#) takes precedence; manufacture of wood shavings, chips, powder, or the like, per se [B27L11/00](#))
- A01G23/095B [N: Self-propelled along standing trees]
- A01G23/097 . . . having a fixed delimbing head
- A01G23/099 . . Auxiliary devices, e.g. felling wedges

- A01G23/10 . Tapping of tree-juices, e.g. caoutchouc, gum
- A01G23/12 . . Knives or axes for tapping
- A01G23/14 . . Tapping-spouts; Receptacles for juices

- A01G25/00** **Watering gardens, fields, sports grounds, or the like** (special apparatus or adaptations for fertilising-liquids [A01C23/00](#); nozzles or outlets, spraying apparatus [B05B](#); gravity flow, open channel irrigation ditch systems [E02B13/00](#))

- A01G25/02 . 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 B05B1/20](#))
- A01G25/02B . . [N: Dispensing fittings for drip irrigation, e.g. drippers] [[C1204](#)]
- A01G25/02C . . [N: Machines and methods for fixing the drippers in the pipe] [[N1204](#)]

- A01G25/06 . Watering arrangements making use of perforated pipe-lines located in the soil ([perforated pipes per se B05B1/20](#); similar arrangements for drainage [E02B11/00](#))

- A01G25/09 . Watering arrangements making use of movable installations on wheels or the like
- A01G25/09B . . [N: movable around a pivot centre]
- A01G25/09C . . [N: winch-driven ([A01G25/09D](#) takes precedence)]
- A01G25/09D . . [N: guided or propelled along a water supply line with supply line traversing means]

- A01G25/14 . Hand watering devices, e.g. watering cans
- A01G25/14B . . [N: with pumps]

- A01G25/16 . Control of watering ([controlling of spraying devices B05B](#))

- A01G25/16B . . [N: Sequential operation]
- A01G25/16C . . [N: Cyclic operations, timing systems, timing valves, impulse operations]
- A01G25/16D . . [N: Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors]

- A01G27/00 Self-acting watering devices, e.g. for flower-pots**

- A01G27/00C . [N: with intermittent watering means]
- A01G27/00D . [N: Controls for self-acting watering devices]
- A01G27/00E . [N: Reservoirs connected to flower-pots through conduits]
- A01G27/00F . [N: Reservoirs, separate from plant-pots, dispensing directly into rooting medium]
- A01G27/00G . [N: Component parts, e.g. dispensing fittings, level indicators]
- A01G27/02 . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate ([A01G27/06](#) takes precedence)
- A01G27/04 . using wicks or the like
- A01G27/06 . . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate

- A01G29/00 Root feeders; Injecting fertilisers into the roots**

- A01G31/00 Hydroponics; Cultivation without soil ([A01G33/00](#) takes precedence)**

- A01G31/00B . [N: Soilless culture substrates]
- A01G31/02 . Special apparatus therefor ([apparatus for cultivation in receptacles or greenhouses in general A01G9/00](#); [self-acting watering devices A01G27/00](#))
- A01G31/04 . . Hydroponic culture on conveyers
- A01G31/04B . . . [N: with containers travelling on a conveyor belt or the like] [N1204]
- A01G31/04C . . . [N: with hanging containers travelling along a rail] [N1204]
- A01G31/04D . . . [N: using a rotating drum or the like] [N1204]
- A01G31/06 . . Hydroponic culture on racks or in stacked containers

- A01G33/00 Cultivation of seaweed [N: or algae]**