

CPC**COOPERATIVE PATENT CLASSIFICATION****A01M**

CATCHING OR TRAPPING OF ANIMALS (apiculture [A01K 47/00](#) to [A01K 59/00](#); fishing [A01K 69/00](#) to [A01K 97/00](#); pesticides [A01N](#)); **APPARATUS FOR THE DESTRUCTION OF NOXIOUS ANIMALS OR NOXIOUS PLANTS** (equipment fitted in or to aircraft for dropping or releasing powdered, liquid or gaseous matter, e.g. pesticides, herbicides, [B64D 1/16](#))

NOTE

in this subclass, terms "killing" and "destruction" cover "non-chemical sterilisation" of invertebrates

A01M 1/00

Stationary means for catching or killing insects {(for repelling [A01M 29/00](#))}

[A01M 1/02](#)

. with devices {or substances, e.g. food, pheromones} attracting the insects

[A01M 1/023](#)

.. {Attracting insects by the simulation of a living being, i.e. emission of carbon dioxide, heat, sound waves or vibrations}

[A01M 1/026](#)

.. {combined with devices for monitoring insect presence, e.g. termites (bait stations [A01M 1/2005](#); detecting other animals in a given area [A01M 31/002](#))}

[A01M 1/04](#)

.. {Attracting insects by} using illumination {or colours ([A01M 1/08](#)) and [A01M 1/145](#) take precedence}

[A01M 1/06](#)

. {Catching insects by} using a suction effect {([A01M 3/00](#) takes precedence)}

[A01M 1/08](#)

. {Attracting and catching insects by} using combined illumination {or colours} and suction effects

[A01M 1/10](#)

. {Catching insects by using} Traps {(using suction effect [A01M 1/06](#))}

[A01M 1/103](#)

.. { for crawling insects}

[A01M 1/106](#)

.. { for flying insects}

[A01M 1/12](#)

.. automatically reset

[A01M 1/14](#)

. Catching by adhesive surfaces

[A01M 1/145](#)

.. {Attracting and catching insects using combined illumination or colours and adhesive surfaces}

[A01M 1/16](#)

.. Fly papers or ribbons

[A01M 1/165](#)

... {Hanging or fastening means}

[A01M 1/18](#)

.. Adhesive bands or coatings for trees {(protecting plants against climbing insects [A01G 13/105](#))}

[A01M 1/20](#)

. Poisoning, narcotising, or burning insects {(fumigation apparatus [A01M 13/00](#))}

[A01M 1/2005](#)

.. {Poisoning insects using bait stations ([A01M 1/10](#)) takes precedence}

[A01M 1/2011](#)

... { for crawling insects}

[A01M 1/2016](#)

... { for flying insects}

- A01M 1/2022 . . {Poisoning or narcotising insects by vaporising an insecticide}
- A01M 1/2027 . . . {without heating}
- A01M 1/2033 {using a fan}
- A01M 1/2038 {Holders or dispensers for pressurized insecticide, e.g. pressurized vessels, cans}
- A01M 1/2044 {Holders or dispensers for liquid insecticide, e.g. using wicks}
- A01M 1/205 { using vibrations, e.g. ultrasonic or piezoelectric atomizers}
- A01M 1/2055 { Holders or dispensers for solid, gelified or impregnated insecticide, e.g. volatile blocks or impregnated pads}
- A01M 1/2061 . . . {using a heat source}
- A01M 1/2066 {burning insecticide, e.g. impregnated candles, burning coils}
- A01M 1/2072 {combined with a fan}
- A01M 1/2077 {using an electrical resistance as heat source ([A01M 1/2083](#) takes precedence)}
- A01M 1/2083 {using a light bulb as heat source}
- A01M 1/2088 {using a burner or a flame as heat source}
- A01M 1/2094 . . { killing insects by using temperature, e.g. flames, steam or freezing ([A01M 1/22](#) takes precedence)}

- A01M 1/22 . {Killing insects} by electric means ([electric circuits therefor H05C](#))
- A01M 1/223 . . {by using electrocution}
- A01M 1/226 . . {by using waves, fields or rays, e.g. sound waves, microwaves, electric waves, magnetic fields, light rays}

- A01M 1/24 . Arrangements connected with buildings, doors, windows, or the like
- A01M 1/245 . . {for pesticide application or distribution, e.g. using a network of pipes}

- A01M 3/00** **Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets**

- A01M 3/002 . {Insect nets}
- A01M 3/005 . {Manual suction fools for catching insects}
- A01M 3/007 . {Manual heating or burning apparatus, e.g. using steam, heated elements or waves ([Flame-throwers A01M 15/00](#))}

- A01M 3/02 . Fly-swatters
- A01M 3/022 . . {using adhesives}
- A01M 3/025 . . {using electrocution}
- A01M 3/027 . . {using resilient means or projectiles}

- A01M 3/04 . with adhesive surfaces

A01M 5/00 **Catching insects in fields, gardens, or forests by movable appliances**

- A01M 5/02 . Portable appliances
- A01M 5/04 . Wheeled machines, with means for stripping-off or brushing-off insects
- A01M 5/06 .. with adhesive surfaces
- A01M 5/08 .. with fans

A01M 7/00 **Special adaptations or arrangements of liquid-spraying apparatus for purposes covered by this subclass** ([apparatus for the destruction of unwanted vegetation A01M 21/00](#); distributing devices specially adapted for liquid manure or other fertilising liquid [A01C 23/00](#); watering gardens, fields, sports grounds or the like [A01G 25/00](#); chemical treatment of plants or soils [A01N 25/00](#) to [A01N 65/00](#); spraying apparatus in general [B05B](#))

- A01M 7/0003 . {Atomisers or mist blowers (single-unit, i.e. unitary, hand-held apparatus in which flow of liquid or other fluent material is produced by the operator at the moment of use [B05B 11/00](#))}
- A01M 7/0007 .. {mounted on a frame and guided by hand; Atomiser barrow}
- A01M 7/001 ... {motor-driven}
- A01M 7/0014 . {Field atomisers, e.g. orchard atomisers, self-propelled, drawn or tractor-mounted}
- A01M 7/0017 . {Portable atomisers, e.g. knapsack type (apparatus to be carried on or by a person [B05B 9/08](#))}
- A01M 7/0021 ... {motor-driven}
- A01M 7/0025 . {Mechanical sprayers}
- A01M 7/0028 .. {Centrifugal sprayers (outlets discharging over substantially the whole periphery of the rotating member [B05B 3/10](#))}
- A01M 7/0032 . {Pressure sprayers}
- A01M 7/0035 ... {mounted on a frame and guided by hand; Spray barrow}
- A01M 7/0039 {motor-driven}
- A01M 7/0042 ... {Field sprayers, e.g. self-propelled, drawn or tractor-mounted}
- A01M 7/0046 ... {Hand-operated sprayers (apparatus to be carried on or by a person [B05B 9/08](#))}
- A01M 7/005 . {Special arrangements or adaptations of the spraying or distributing parts, e.g. adaptations or mounting of the spray booms, mounting of the nozzles, protection shields ([nozzles B05B 1/00](#); [spray pistols B05B 9/01](#))}
- A01M 7/0053 .. {Mounting of the spraybooms}
- A01M 7/0057 ... {with active regulation of the boom position}
- A01M 7/006 . {Mounting of the nozzles}
- A01M 7/0064 . {Protection shields}
- A01M 7/0067 ... {with recovering of liquids}
- A01M 7/0071 . {Construction of the spray booms}

- A01M 7/0075 . . . {including folding means}
- A01M 7/0078 . . . {including break-away devices}
- A01M 7/0082 . {Undercarriages, frames, mountings, couplings, tanks}
- A01M 7/0085 .. {Tanks}
- A01M 7/0089 . {Regulating or controlling systems (the delivery being related to the movement of a vehicle [B05B 9/06](#))}
- A01M 7/0092 .. {Adding active material (used as well for the introduction of fertilisers in water [A01C 23/042](#))}
- A01M 7/0096 .. {Testing of spray-patterns}
- A01M 9/00** **Special adaptations or arrangements of powder-spraying apparatus for purposes covered by this subclass** ({[A01M 7/00](#), [A01C 15/00](#) take precedence}; spraying apparatus in general [B05B](#))
- A01M 9/0007 . {Pneumatic dusters (electrostatic spraying apparatus [B05B 5/00](#); single unit, i.e. unitary, hand-held apparatus, in which flow of fluent material is produced by the operator at the moment of use [B05B 11/00](#))}
- A01M 9/0015 .. {mounted on a frame and guided by hand; Duster barrow (designed for spraying particulate materials [B05B 7/14](#))}
- A01M 9/0023 . . . {motor-driven}
- A01M 9/003 .. {Pneumatic field dusters, e.g. self-propelled, drawn or tractor-mounted}
- A01M 9/0038 .. {Portable pneumatic dusters, e.g. knapsack type (apparatus to be carried on or by a person [B05B 9/08](#))}
- A01M 9/0046 . . . {motor-driven}
- A01M 9/0053 . {Mechanical dusters}
- A01M 9/0061 .. {Centrifugal dusters (used as well as fertilisers or seeders with centrifugal wheels [A01C 17/00](#); outlets discharging over substantially the whole periphery of the rotating member [B05B 3/10](#))}
- A01M 9/0069 .. {Gravity dusters}
- A01M 9/0076 . {Special arrangements or adaptations of the dusting or distributing parts e.g. mounting of the spray booms, the protection shields (nozzles [B05B 1/00](#); spray pistols [B05B 9/01](#))}
- A01M 9/0084 . {Undercarriages, frames, couplings, tanks}
- A01M 9/0092 . {Regulating or controlling systems (the delivery being related to the movement of a vehicle [B05B 9/06](#))}
- A01M 11/00** **Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass** (spraying apparatus in general [B05B](#))

A01M 13/00	Fumigators; Apparatus for distributing gases {(poisoning or narcotising insects by vaporising an insecticide A01M 1/2022)}
A01M 13/003	. { Enclosures for fumigation, e.g. containers, bags or housings}
A01M 13/006	. { Fumigators specially adapted for destruction of rats or similar animals in holes}
A01M 15/00	Flame-throwers specially adapted for purposes covered by this subclass (flame-throwers in general F41H 9/02)
A01M 17/00	Apparatus for the destruction of vermin in soil or in foodstuffs {(injecting fertilisers into the roots of trees A01G 29/00)}
A01M 17/002	. {Injection of toxic gases or fluids into the soil (special arrangements for delivering fertilising liquids directly into the soil A01C 23/02)}
A01M 17/004	. . {Apparatus for gassing rats or similar animals in holes}
A01M 17/006	. {Destruction of vermin in clothes}
A01M 17/008	. {Destruction of vermin in foodstuffs}
A01M 19/00	Apparatus for the destruction of noxious animals, other than insects, by hot water, steam, hot air, or electricity {(electric traps A01M 23/38)}
A01M 21/00	Apparatus for the destruction of unwanted vegetation, e.g. weeds (biocides, plant growth regulators A01N 25/00 to A01N 65/00 ; spraying or atomising apparatus in general B05B ; soil-conditioning or soil-stabilising materials C09K 17/00 ; control of undesirable vegetation on roads or permanent ways of railways E01H 11/00)
A01M 21/02	. Apparatus for mechanical destruction {(hand-tools for uprooting weeds A01B 1/16 ; machines for working soil and for weeding A01B 39/18 ; harvesting machines A01D ; cutting implements A01G 3/00)}
A01M 21/04	. Apparatus for destruction by steam, chemicals, burning, or electricity {(apparatus for burning A01M 15/00)}
A01M 21/043	. . {by chemicals}
A01M 21/046	. . {by electricity}
A01M 23/00	Traps for animals
A01M 23/005	. {with sticky surfaces (for insects A01M 1/14)}
A01M 23/02	. Collecting-traps
A01M 23/04	. . with tipping platforms
A01M 23/06	. . . with locking mechanism for the tipping platform

A01M 23/08	.. with approaches permitting entry only
A01M 23/10	.. with rotating cylinders or turnstiles
A01M 23/12	.. with devices for throwing the animal to a collecting chamber
A01M 23/14	.. Other traps automatically reset
A01M 23/16	. Box traps
A01M 23/18	.. with pivoted closure flaps
A01M 23/20	.. with dropping doors or slides
A01M 23/22	.. with dropping covers
A01M 23/24	. {Spring traps, e.g.} jaw or like spring traps
A01M 23/245	.. {Auxiliary devices for spring traps, e.g. attaching systems}
A01M 23/26	.. of the double-jaw or pincer type
A01M 23/265	... {of the pincer type}
A01M 23/28	... Jaw trap setting-devices
A01M 23/30	.. Break-back traps, {i.e. mouse-trap type}
A01M 23/32	.. Racket net traps
A01M 23/34	.. with snares
A01M 23/36	.. with arrangements for piercing the victim
A01M 23/38	. Electric traps
A01M 25/00	Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20)
A01M 25/002	. {Bait holders, i.e. stationary devices for holding poisonous bait at the disposal of the animal}
A01M 25/004	.. {Bait stations, i.e. boxes completely enclosing the bait and provided with animal entrances}
A01M 25/006	. {Poison applicators, i.e. mobile devices for disposing poison wherever required, e.g. into holes, burrows, walls or ground}
A01M 25/008	. {Devices specially adapted for snails, e.g. bait stations therefor (protective devices against snails A01G 13/105)}
A01M 27/00	Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby
A01M 29/00	Scaring or repelling devices, e.g. bird-scaring apparatus
A01M 29/06	. using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like
A01M 29/08	.. using reflection, colours or films with specific transparency or reflectivity

- A01M 29/10 . . . using light sources, e.g. lasers or flashing lights
- A01M 29/12 . . . using odoriferous substances, e.g. aromas, pheromones or chemical agents
- A01M 29/14 . . . using thermal effects
- A01M 29/16 . . . using sound waves
- A01M 29/18 . . . using ultrasonic signals
- A01M 29/20 . . . with generation of periodically explosive reports
- A01M 29/22 . . . using vibrations ([A01M 29/16 takes precedence](#))
- A01M 29/24 . . . using electric or magnetic effects, e.g. electric shocks, magnetic fields or microwaves
- A01M 29/26 . . . specially adapted for birds, e.g. electrified rods, cords or strips
- A01M 29/28 . . . specially adapted for insects
- A01M 29/30 . . . preventing or obstructing access or passage, e.g. by means of barriers, spikes, cords, obstacles or sprinkled water
- A01M 29/32 . . . specially adapted for birds, e.g. spikes
- A01M 29/34 . . . specially adapted for insects

A01M 31/00 Hunting appliances

- A01M 31/002 . . . {Detecting animals in a given area}
- A01M 31/004 . . . {Game callers}
- A01M 31/006 . . . {Game carriers}
- A01M 31/008 . . . {Lure dispensing devices}
- A01M 31/02 . . . Shooting stands ([folding seats A47C](#))
- A01M 31/025 . . . { Hunting blinds, i.e. camouflage}
- A01M 31/04 . . . Beater rattles
- A01M 31/06 . . . Decoys

A01M 99/00 Subject matter not provided for in other groups of this subclass

A01M 2200/00 Kind of animal

- A01M 2200/01 . . . Insects
- A01M 2200/011 . . . Crawling insects
- A01M 2200/012 . . . Flying insects