

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 (**A01K 1/20C4K 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 vapourising 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