

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 tools 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