

**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