

CPC**COOPERATIVE PATENT CLASSIFICATION****A01M****CATCHING OR TRAPPING OF ANIMALS** (apiculture[A01K 47/00 - A01K 59/00](#); fishing [A01K 69/00 - 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](#) - [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	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • . {mounted on a frame and guided by hand; Duster barrow (designed for spraying particulate materials B05B 7/14)}
A01M 9/0023	<ul style="list-style-type: none"> • . . {motor-driven}
A01M 9/003	<ul style="list-style-type: none"> • . {Pneumatic field dusters, e.g. self-propelled, drawn or tractor-mounted}
A01M 9/0038	<ul style="list-style-type: none"> • . {Portable pneumatic dusters, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)}
A01M 9/0046	<ul style="list-style-type: none"> • . . {motor-driven}
A01M 9/0053	<ul style="list-style-type: none"> • {Mechanical dusters}
A01M 9/0061	<ul style="list-style-type: none"> • . {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	<ul style="list-style-type: none"> • . {Gravity dusters}
A01M 9/0076	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • {Undercarriages, frames, couplings, tanks}
A01M 9/0092	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • {Enclosures for fumigation, e.g. containers, bags or housings}
A01M 13/006	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • . {Apparatus for gassing rats or similar animals in holes}
A01M 17/006	<ul style="list-style-type: none"> • {Destruction of vermin in clothes}
A01M 17/008	<ul style="list-style-type: none"> • {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 - 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Apparatus for destruction by steam, chemicals, burning, or electricity {(apparatus for burning A01M 15/00)}
A01M 21/043	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {by chemicals}
A01M 21/046	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {by electricity}
A01M 23/00	Traps for animals
A01M 23/005	<ul style="list-style-type: none"> {with sticky surfaces (for insects A01M 1/14)}
A01M 23/02	<ul style="list-style-type: none"> Collecting-traps
A01M 23/04	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with tipping platforms
A01M 23/06	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> with locking mechanism for the tipping platform
A01M 23/08	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with approaches permitting entry only
A01M 23/10	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with rotating cylinders or turnstiles
A01M 23/12	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with devices for throwing the animal to a collecting chamber
A01M 23/14	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Other traps automatically reset
A01M 23/16	<ul style="list-style-type: none"> Box traps
A01M 23/18	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with pivoted closure flaps
A01M 23/20	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with dropping doors or slides
A01M 23/22	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with dropping covers
A01M 23/24	<ul style="list-style-type: none"> {Spring traps, e.g.} jaw or like spring traps
A01M 23/245	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {Auxiliary devices for spring traps, e.g. attaching systems}
A01M 23/26	<ul style="list-style-type: none"> <ul style="list-style-type: none"> of the double-jaw or pincer type
A01M 23/265	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> {of the pincer type}
A01M 23/28	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> Jaw trap setting-devices
A01M 23/30	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Break-back traps, {i.e. mouse-trap type}
A01M 23/32	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Racket net traps
A01M 23/34	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with snares
A01M 23/36	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with arrangements for piercing the victim
A01M 23/38	<ul style="list-style-type: none"> Electric traps
A01M 25/00	Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20)
A01M 25/002	<ul style="list-style-type: none"> {Bait holders, i.e. stationary devices for holding poisonous bait at the disposal of the animal}
A01M 25/004	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {Bait stations, i.e. boxes completely enclosing the bait and provided with animal entrances}

A01M 25/006	<ul style="list-style-type: none"> • {Poison applicators, i.e. mobile devices for disposing poison wherever required, e.g. into holes, burrows, walls or ground}
A01M 25/008	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like
A01M 29/08	<ul style="list-style-type: none"> • . using reflection, colours or films with specific transparency or reflectivity
A01M 29/10	<ul style="list-style-type: none"> • . using light sources, e.g. lasers or flashing lights
A01M 29/12	<ul style="list-style-type: none"> • using odoriferous substances, e.g. aromas, pheromones or chemical agents
A01M 29/14	<ul style="list-style-type: none"> • using thermal effects
A01M 29/16	<ul style="list-style-type: none"> • using sound waves
A01M 29/18	<ul style="list-style-type: none"> • . using ultrasonic signals
A01M 29/20	<ul style="list-style-type: none"> • . with generation of periodically explosive reports
A01M 29/22	<ul style="list-style-type: none"> • using vibrations (A01M 29/16 takes precedence)
A01M 29/24	<ul style="list-style-type: none"> • using electric or magnetic effects, e.g. electric shocks, magnetic fields or microwaves
A01M 29/26	<ul style="list-style-type: none"> • . specially adapted for birds, e.g. electrified rods, cords or strips
A01M 29/28	<ul style="list-style-type: none"> • . specially adapted for insects
A01M 29/30	<ul style="list-style-type: none"> • preventing or obstructing access or passage, e.g. by means of barriers, spikes, cords, obstacles or sprinkled water
A01M 29/32	<ul style="list-style-type: none"> • . specially adapted for birds, e.g. spikes
A01M 29/34	<ul style="list-style-type: none"> • . specially adapted for insects
A01M 31/00	Hunting appliances
A01M 31/002	<ul style="list-style-type: none"> • {Detecting animals in a given area}
A01M 31/004	<ul style="list-style-type: none"> • {Game callers}
A01M 31/006	<ul style="list-style-type: none"> • {Game carriers}
A01M 31/008	<ul style="list-style-type: none"> • {Lure dispensing devices}
A01M 31/02	<ul style="list-style-type: none"> • Shooting stands (folding seats A47C)
A01M 31/025	<ul style="list-style-type: none"> • . {Hunting blinds, i.e. camouflage}
A01M 31/04	<ul style="list-style-type: none"> • Beater rattles
A01M 31/06	<ul style="list-style-type: none"> • Decoys
A01M 99/00	Subject matter not provided for in other groups of this subclass
A01M 2200/00	Kind of animal
A01M 2200/01	<ul style="list-style-type: none"> • Insects
A01M 2200/011	<ul style="list-style-type: none"> • . Crawling insects
A01M 2200/012	<ul style="list-style-type: none"> • . Flying insects