

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

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|-------------|--|-------------|---|
| 1/00 | Stationary means for catching or killing insects
{(for repelling A01M 29/00)} | 1/2061 | . . . {using a heat source} |
| 1/02 | . with devices {or substances, e.g. food, pheromones} attracting the insects | 1/2066 | {burning insecticide, e.g. impregnated candles, burning coils} |
| 1/023 | . . {Attracting insects by the simulation of a living being, i.e. emission of carbon dioxide, heat, sound waves or vibrations} | 1/2072 | {combined with a fan} |
| 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)} | 1/2077 | {using an electrical resistance as heat source (A01M 1/2083 takes precedence)} |
| 1/04 | . . {Attracting insects by} using illumination {or colours (A01M 1/08 and A01M 1/145 take precedence)} | 1/2083 | {using a light bulb as heat source} |
| 1/06 | . {Catching insects by} using a suction effect {(A01M 3/00 takes precedence)} | 1/2088 | {using a burner or a flame as heat source} |
| 1/08 | . {Attracting and catching insects by} using combined illumination {or colours} and suction effects | 1/2094 | . . {killing insects by using temperature, e.g. flames, steam or freezing (A01M 1/22 takes precedence)} |
| 1/10 | . {Catching insects by using} Traps {(using suction effect A01M 1/06)} | 1/22 | . {Killing insects} by electric means (electric circuits therefor H05C) |
| 1/103 | . . {for crawling insects} | 1/223 | . . {by using electrocution} |
| 1/106 | . . {for flying insects} | 1/226 | . . {by using waves, fields or rays, e.g. sound waves, microwaves, electric waves, magnetic fields, light rays} |
| 1/12 | . . automatically reset | 1/24 | . Arrangements connected with buildings, doors, windows, or the like |
| 1/14 | . Catching by adhesive surfaces | 1/245 | . . {for pesticide application or distribution, e.g. using a network of pipes} |
| 1/145 | . . {Attracting and catching insects using combined illumination or colours and adhesive surfaces} | 3/00 | Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets |
| 1/16 | . . Fly papers or ribbons | 3/002 | . {Insect nets} |
| 1/165 | . . . {Hanging or fastening means} | 3/005 | . {Manual suction fools for catching insects} |
| 1/18 | . . Adhesive bands or coatings for trees {(protecting plants against climbing insects A01G 13/105)} | 3/007 | . {Manual heating or burning apparatus, e.g. using steam, heated elements or waves (Flame-throwers A01M 15/00)} |
| 1/20 | . Poisoning, narcotising, or burning insects {(fumigation apparatus A01M 13/00)} | 3/02 | . Fly-swatters |
| 1/2005 | . . {Poisoning insects using bait stations (A01M 1/10 takes precedence)} | 3/022 | . . {using adhesives} |
| 1/2011 | . . . {for crawling insects} | 3/025 | . . {using electrocution} |
| 1/2016 | . . . {for flying insects} | 3/027 | . . {using resilient means or projectiles} |
| 1/2022 | . . {Poisoning or narcotising insects by vaporising an insecticide} | 3/04 | . with adhesive surfaces |
| 1/2027 | . . . {without heating} | 5/00 | Catching insects in fields, gardens, or forests by movable appliances |
| 1/2033 | {using a fan} | 5/02 | . Portable appliances |
| 1/2038 | {Holders or dispensers for pressurized insecticide, e.g. pressurized vessels, cans} | 5/04 | . Wheeled machines, with means for stripping-off or brushing-off insects |
| 1/2044 | {Holders or dispensers for liquid insecticide, e.g. using wicks} | 5/06 | . . with adhesive surfaces |
| 1/205 | {using vibrations, e.g. ultrasonic or piezoelectric atomizers} | 5/08 | . . with fans |
| 1/2055 | {Holders or dispensers for solid, gelified or impregnated insecticide, e.g. volatile blocks or impregnated pads} | | |

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)	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)}
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)}	9/0015	. . {mounted on a frame and guided by hand; Duster barrow (designed for spraying particulate materials B05B 7/14)}
7/0007	. . {mounted on a frame and guided by hand; Atomiser barrow}	9/0023	. . . {motor-driven}
7/001	. . . {motor-driven}	9/003	. . {Pneumatic field dusters, e.g. self-propelled, drawn or tractor-mounted}
7/0014	. . {Field atomisers, e.g. orchard atomisers, self-propelled, drawn or tractor-mounted}	9/0038	. . {Portable pneumatic dusters, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)}
7/0017	. . {Portable atomisers, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)}	9/0046	. . . {motor-driven}
7/0021	. . . {motor-driven}	9/0053	. {Mechanical dusters}
7/0025	. {Mechanical sprayers}	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)}
7/0028	. . {Centrifugal sprayers (outlets discharging over substantially the whole periphery of the rotating member B05B 3/10)}	9/0069	. . {Gravity dusters}
7/0032	. . {Pressure sprayers}	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)}
7/0035	. . . {mounted on a frame and guided by hand; Spray barrow}	9/0084	. {Undercarriages, frames, couplings, tanks}
7/0039 {motor-driven}	9/0092	. {Regulating or controlling systems (the delivery being related to the movement of a vehicle B05B 9/06)}
7/0042	. . . {Field sprayers, e.g. self-propelled, drawn or tractor-mounted}	11/00	Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass (spraying apparatus in general B05B)
7/0046	. . . {Hand-operated sprayers (apparatus to be carried on or by a person B05B 9/08)}	13/00	Fumigators; Apparatus for distributing gases ({poisoning or narcotising insects by vaporising an insecticide A01M 1/2022)}
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)}	13/003	. {Enclosures for fumigation, e.g. containers, bags or housings}
7/0053	. . {Mounting of the spraybooms}	13/006	. {Fumigators specially adapted for destruction of rats or similar animals in holes}
7/0057	. . . {with active regulation of the boom position}	15/00	Flame-throwers specially adapted for purposes covered by this subclass (flame-throwers in general F41H 9/02)
7/006	. . {Mounting of the nozzles}	17/00	Apparatus for the destruction of vermin in soil or in foodstuffs ({injecting fertilisers into the roots of trees A01G 29/00)}
7/0064	. . {Protection shields}	17/002	. {Injection of toxic gases or fluids into the soil (special arrangements for delivering fertilising liquids directly into the soil A01C 23/02)}
7/0067	. . . {with recovering of liquids}	17/004	. . {Apparatus for gassing rats or similar animals in holes}
7/0071	. . {Construction of the spray booms}	17/006	. {Destruction of vermin in clothes}
7/0075	. . . {including folding means}	17/008	. {Destruction of vermin in foodstuffs}
7/0078	. . . {including break-away devices}	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)}
7/0082	. {Undercarriages, frames, mountings, couplings, tanks}		
7/0085	. . {Tanks}		
7/0089	. {Regulating or controlling systems (the delivery being related to the movement of a vehicle B05B 9/06)}		
7/0092	. . {Adding active material (used as well for the introduction of fertilisers in water A01C 23/042)}		
7/0096	. . {Testing of spray-patterns}		
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)		

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)	29/06	• using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like
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)}	29/08	• • using reflection, colours or films with specific transparency or reflectivity
21/04	• Apparatus for destruction by steam, chemicals, burning, or electricity {(apparatus for burning A01M 15/00)}	29/10	• • using light sources, e.g. lasers or flashing lights
21/043	• • {by chemicals}	29/12	• using odoriferous substances, e.g. aromas, pheromones or chemical agents
21/046	• • {by electricity}	29/14	• using thermal effects
23/00	Traps for animals	29/16	• using sound waves
23/005	• {with sticky surfaces (for insects A01M 1/14)}	29/18	• • using ultrasonic signals
23/02	• Collecting-traps	29/20	• • with generation of periodically explosive reports
23/04	• • with tipping platforms	29/22	• using vibrations (A01M 29/16 takes precedence)
23/06	• • • with locking mechanism for the tipping platform	29/24	• using electric or magnetic effects, e.g. electric shocks, magnetic fields or microwaves
23/08	• • with approaches permitting entry only	29/26	• • specially adapted for birds, e.g. electrified rods, cords or strips
23/10	• • with rotating cylinders or turnstiles	29/28	• • specially adapted for insects
23/12	• • with devices for throwing the animal to a collecting chamber	29/30	• preventing or obstructing access or passage, e.g. by means of barriers, spikes, cords, obstacles or sprinkled water
23/14	• • Other traps automatically reset	29/32	• • specially adapted for birds, e.g. spikes
23/16	• Box traps	29/34	• • specially adapted for insects
23/18	• • with pivoted closure flaps	31/00	Hunting appliances
23/20	• • with dropping doors or slides	31/002	• {Detecting animals in a given area}
23/22	• • with dropping covers	31/004	• {Game callers}
23/24	• {Spring traps, e.g.} jaw or like spring traps	31/006	• {Game carriers}
23/245	• • {Auxiliary devices for spring traps, e.g. attaching systems}	31/008	• {Lure dispensing devices}
23/26	• • of the double-jaw or pincer type	31/02	• Shooting stands (folding seats A47C)
23/265	• • • {of the pincer type}	31/025	• • {Hunting blinds, i.e. camouflage}
23/28	• • • Jaw trap setting-devices	31/04	• Beater rattles
23/30	• • Break-back traps, {i.e. mouse-trap type}	31/06	• Decoys
23/32	• • Racket net traps	99/00	Subject matter not provided for in other groups of this subclass
23/34	• • with snares	2200/00	Kind of animal
23/36	• • with arrangements for piercing the victim	2200/01	• Insects
23/38	• Electric traps	2200/011	• • Crawling insects
25/00	Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20)	2200/012	• • Flying insects
25/002	• {Bait holders, i.e. stationary devices for holding poisonous bait at the disposal of the animal}		
25/004	• • {Bait stations, i.e. boxes completely enclosing the bait and provided with animal entrances}		
25/006	• {Poison applicators, i.e. mobile devices for disposing poison wherever required, e.g. into holes, burrows, walls or ground}		
25/008	• {Devices specially adapted for snails, e.g. bait stations therefor (protective devices against snails A01G 13/105)}		
27/00	Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby		
29/00	Scaring or repelling devices, e.g. bird-scaring apparatus		