CPC  COOPERATIVE PATENT CLASSIFICATION

A  HUMAN NECESSITIES

AGRICULTURE

A01  AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

A01M  CATCHING, TRAPPING OR SCARING OF ANIMALS (appliances for catching swarms or drone-catching A01K 57/00; fishing A01K 69/00 - A01K 99/00; biocides, pest repellants or attractants A01N); APPARATUS FOR THE DESTRUCTION OF NOXIOUS ANIMALS OR NOXIOUS PLANTS

NOTE

in this subclass, terms "killing" and "destruction" cover "non-chemical sterilisation" of invertebrates

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00  Stationary means for catching or killing insects

1/02  . . with devices [or substances, e.g. food, pheromones] attracting the insects

1/023  . . {Attracting insects by the simulation of a living being, i.e. emission of carbon dioxide, heat, sound waves or vibrations}

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)}

1/04  . . {Attracting insects by} using illumination [or colours (A01M 1/08 and A01M 1/145 take precedence)]

1/06  . {Catching insects by} using a suction effect

1/08  . {Attracting and catching insects by} using combined illumination [or colours] and suction effects

1/10  . {Catching insects by using} Traps [(using suction effect A01M 1/06)]

1/103  . . {for crawling insects}

1/106  . . {for flying insects}

1/12  . . automatically reset

1/14  . Catching by adhesive surfaces

1/145  . . {Attracting and catching insects using combined illumination or colours and adhesive surfaces}

1/16  . . Fly papers or ribbons

1/165  . . {Hanging or fastening means}

1/18  . . Adhesive bands or coatings for trees [(protecting plants against climbing insects A01G 13/105)]

1/20  . Poisoning, narcotising, or burning insects

1/2005  . . {Poisoning insects using bait stations (A01M 1/10 takes precedence)}

1/201  . . {for crawling insects}

1/2016  . . {for flying insects}

1/2022  . . {Poisoning or narcotising insects by vaporising an insecticide}

1/2027  . . {without heating}

1/203  . . . {using a fan}

1/2038  . . . {Holder/s dispensers for pressurized insecticide, e.g. pressurized vessels, cans}

1/2044  . . . {Holder/s dispensers for liquid insecticide, e.g. using wicks}

1/205  . . . {using vibrations, e.g. ultrasonic or piezoelectric atomizers}

1/2055  . . . {Holder/s dispensers for solid, gelified or impregnated insecticide, e.g. volatile blocks or impregnated pads}

1/2061  . . . {using a heat source}

1/2066  . . . {burning insecticide, e.g. impregnated candles, burning coils}

1/2072  . . . {combined with a fan}

1/2077  . . . {using an electrical resistance as heat source (A01M 1/2083 takes precedence)}

1/2083  . . . {using a light bulb as heat source}

1/2088  . . . {using a burner or a flame as heat source}

1/2094  . . . {killing insects by using temperature, e.g. flames, steam or freezing (A01M 1/22 takes precedence)}

1/22  . . . {Killing insects} by electric means (electric circuits therefor H05C)

1/223  . . . {by using electrocution}

1/226  . . . {by using waves, fields or rays, e.g. sound waves, microwaves, electric waves, magnetic fields, light rays}

1/24  . . . Arrangements connected with buildings, doors, windows, or the like

1/245  . . . {for pesticide application or distribution, e.g. using a network of pipes}

3/00  Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets

3/002  . {Insect nets}

3/005  . {Manual suction tools for catching insects}
Catching insects in fields, gardens, or forests by movable appliances

- Portable appliances
- Wheeled appliances, with means for stripping-off or brushing-off insects
- with adhesive surfaces

Special adaptations or arrangements of liquid-spraying apparatus for purposes covered by this subclass

- 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)
- mounted on a frame and guided by hand; Atomiser barrow
- [motor-driven]
- Field atomisers, e.g. orchard atomisers, self-propelled, drawn or tractor-mounted
- Portable atomisers, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)
- [motor-driven]
- [Mechanical sprayers]
- Centrifugal sprayers (outlets discharging over substantially the whole periphery of the rotating member B05B 3/10)
- Pressure sprayers
- mounted on a frame and guided by hand; Spray barrow
- [motor-driven]
- Field sprayers, e.g. self-propelled, drawn or tractor-mounted
- Hand-operated sprayers (apparatus to be carried on or by a person B05B 9/08)
- [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)]
- [Mounting of the spraybooms]
- with active regulation of the boom position
- Mounting of the nozzles
- Protection shields
- with recovering of liquids
- Construction of the spray booms
- including folding means
- including break-away devices
- Undercarriages, frames, mountings, couplings, tanks
- [Tanks]
- [Regulating or controlling systems (the delivery being related to the movement of a vehicle B05B 9/06)]

Special adaptations or arrangements of powder-spraying apparatus for purposes covered by this subclass

- 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)
- mounted on a frame and guided by hand; Duster barrow (designed for spraying particulate materials B05B 7/14)
- [motor-driven]
- Pneumatic field dusters, e.g. self-propelled, drawn or tractor-mounted
- Portable pneumatic dusters, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)
- [motor-driven]
- [Mechanical dusters]
- Gravity dusters
- 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)
- Undercarriages, frames, couplings, tanks
- Regulating or controlling systems (the delivery being related to the movement of a vehicle B05B 9/06)

Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass

- Fumigators; Apparatus for distributing gases
- [poisoning or narcotising insects by vaporising an insecticide A01M 1/0222)
- Enclosures for fumigation, e.g. containers, bags or housings
- Fumigators specially adapted for destruction of rats or similar animals in holes

Flame-throwers specially adapted for purposes covered by this subclass

- Apparatus for the destruction of vermin in soil or in foodstuffs
- Injecting fertilisers into the roots of trees A01G 29/00)
- Injection of toxic gases or fluids into the soil (special arrangements for delivering fertilising liquids directly into the soil A01C 23/02)
- Apparatus for gassing rats or similar animals in holes
- Destruction of vermin in clothes
- Destruction of vermin in foodstuffs

Apparatus for the destruction of noxious animals, other than insects, by hot water, steam, hot air, or electricity (electric traps A01M 23/38)
Apparatus for the destruction of unwanted vegetation, e.g. weeds (control of undesirable vegetation on roads or permanent ways of railways E01H 11/00)

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) }

Apparatus for destruction by steam, chemicals, burning, or electricity { (apparatus for burning A01M 15/00) }

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) }

Apparatus for destruction by steam, chemicals, burning, or electricity { (apparatus for burning A01M 15/00) }

Traps for animals

Collecting-traps

with tipping platforms

with locking mechanism for the tipping platform

with approaches permitting entry only

with rotating cylinders or turnstiles

with devices for throwing the animal to a collecting chamber

Other traps automatically reset

Box traps

with pivoted closure flaps

with dropping doors or slides

with dropping covers

{ Spring traps, e.g. jaw or like spring traps

{ Auxiliary devices for spring traps, e.g. attaching systems

of the double-jaw or pincer type

{ of the pincer type

Jaw trap setting-devices

Break-back traps, i.e. mouse-trap type

Racket net traps

with snares

with arrangements for piercing the victim

Electric traps

Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20)

Bait holders, i.e. stationary devices for holding poisonous bait at the disposal of the animal

Bait stations, i.e. boxes completely enclosing the bait and provided with animal entrances

Poison applicators, i.e. mobile devices for disposing poison wherever required, e.g. into holes, burrows, walls or ground

Devices specially adapted for snails, e.g. bait stations therefor (protective devices against snails A01G 13/105)

Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby

Scaring or repelling devices, e.g. bird-scaring apparatus

using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like

using reflection, colours or films with specific transparency or reflectivity

using light sources, e.g. lasers or flashing lights

using odouriferous substances, e.g. aromas, pheromones or chemical agents

using thermal effects

using sound waves

using ultrasonic signals

with generation of periodically explosive reports

using vibrations (A01M 29/16 takes precedence)

using electric or magnetic effects, e.g. electric shocks, magnetic fields or microwaves

specially adapted for birds, e.g. electrified rods, cords or strips

specially adapted for birds, e.g. spikes

specially adapted for insects

preventing or obstructing access or passage, e.g. by means of barriers, spikes, cords, obstacles or sprinkled water

specially adapted for birds, e.g. spikes

specially adapted for insects

Hunting appliances

Detecting animals in a given area

Game callers

Game carriers

Lure dispensing devices

Shooting stands

Hunting blinds, i.e. camouflage

Beater rattles

Decoys

Insects

Crawling insects

Flying insects

Subject matter not provided for in other groups of this subclass