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 [{A01M 3/00 takes precedence}]
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 {{fumigation apparatus A01M 13/00}}
1/2005  . . {Poisoning insects using bait stations (A01M 1/10 takes precedence)}
1/2011  . . {for crawling insects}
1/2016  . . {for flying insects}
1/2022  . . {Poisoning or narcotising insects by vaporising an insecticide}
1/2027  . . . {without heating}
1/2033  . . . {using a fan}
1/2038  . . . {Holders or dispensers for pressurized insecticide, e.g. pressurized vessels, cans}
1/2044  . . . {Holders or dispensers for liquid insecticide, e.g. using wicks}
1/205  . . . {using vibrations, e.g. ultrasonic or piezoelectric atomizers}
1/2055  . . . {Holders or 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}
CPC - 2020.01

3/007  .  {Manual heating or burning apparatus, e.g. using steam, heated elements or waves (flame-throwers A01M 15/00)}
3/02  .  Fly-swatters
3/022  .  {using adhesives}
3/025  .  {using electrocution}
3/027  .  {using resilient means or projectiles}
3/04  .  with adhesive surfaces

5/00 Catching insects in fields, gardens, or forests by movable appliances
5/02  .  Portable appliances
5/04  .  Wheeled machines, with means for stripping-off or brushing-off insects
5/06  .  with adhesive surfaces
5/08  .  with fans

7/00 Special adaptations or arrangements of liquid-spraying apparatus for purposes covered by this subclass
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)}
7/0007  .  {mounted on a frame and guided by hand; Atomiser barrow}
7/001  .  {motor-driven}
7/0014  .  {Field atomisers, e.g. orchard atomisers, self-propelled, drawn or tractor-mounted}
7/0017  .  {Portable atomisers, e.g. knapsack type (apparatus to be carried on or by a person B05B 9/08)}
7/0021  .  {motor-driven}
7/0025  .  {Mechanical sprayers}
7/0028  .  {Centrifugal sprayers (outlets discharging over substantially the whole periphery of the rotating member B05B 3/10)}
7/0032  .  {Pressure sprayers}
7/0035  .  {mounted on a frame and guided by hand; Spray barrow}
7/0039  .  {motor-driven}
7/0042  .  {Field sprayers, e.g. self-propelled, drawn or tractor-mounted}
7/0046  .  {Hand-operated sprayers (apparatus to be carried on or by a person B05B 9/08)}
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)}
7/0053  .  {Mounting of the spraybooms}
7/0057  .  {with active regulation of the boom position}
7/006  .  {Mounting of the nozzles}
7/0064  .  {Protection shields}
7/0067  .  {with recovering of liquids}
7/0071  .  {Construction of the spray booms}
7/0075  .  {including folding means}
7/0078  .  {including break-away devices}
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
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)}
9/0015  .  {mounted on a frame and guided by hand; Duster barrow (designed for spraying particulate materials B05B 7/14)}
9/0023  .  {motor-driven}
9/003  .  {Pneumatic field dusters, e.g. 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)}
9/0046  .  {motor-driven}
9/0053  .  {Mechanical dusters}
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)}
9/0069  .  {Gravity dusters}
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)}
9/0084  .  {Undercarriages, frames, couplings, tanks}
9/0092  .  {Regulating or controlling systems (the delivery being related to the movement of a vehicle B05B 9/06)}

11/00 Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass
13/00 Fumigators; Apparatus for distributing gases
13/003  .  {Apparatus for the destruction of vermin in soil or in foodstuffs (injeting fertilisers into the roots of trees A01G 29/00)}
13/005  .  {Apparatus for fumigation, e.g. containers, bags or housings}
13/006  .  {Fumigators specially adapted for destruction of rats or similar animals in holes}

15/00 Flame-throwers specially adapted for purposes covered by this subclass
17/00 Apparatus for the destruction of vermin in soil or in foodstuffs (injecting fertilisers into the roots of trees A01G 29/00)
17/002  .  {Injection of toxic gases or fluids into the soil (special arrangements for delivering fertilising liquids directly into the soil A01C 23/02)}
17/004  .  {Apparatus for gassing rats or similar animals in holes}
17/006  .  {Destruction of vermin in clothes}
17/008  .  {Destruction of vermin in foodstuffs}
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)
21/00 Apparatus for the destruction of unwanted vegetation, e.g. weeds (control of undesirable vegetation on roads or permanent ways of railways E01H 11/00)
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)
21/04 . Apparatus for destruction by steam, chemicals, burning, or electricity (apparatus for burning A01M 15/00)
21/043 . (by chemicals)
21/046 . (by electricity)
23/00 Traps for animals
23/005 . (with sticky surfaces (for insects A01M 1/14))
23/02 . Collecting-traps
23/04 . with tipping platforms
23/06 . with locking mechanism for the tipping platform
23/08 . with approaches permitting entry only
23/10 . with rotating cylinders or turnstiles
23/12 . with devices for throwing the animal to a collecting chamber
23/14 . Other traps automatically reset
23/16 . Box traps
23/18 . with pivoted closure flaps
23/20 . with dropping doors or slides
23/22 . with dropping covers
23/24 . (Spring traps, e.g. jaw or like spring traps
23/245 . (Auxiliary devices for spring traps, e.g. attaching systems)
23/26 . of the double-jaw or pincer type
23/265 . . . (of the pincer type)
23/28 . Jaw trap setting-devices
23/30 . Break-back traps (i.e. mouse-trap type)
23/32 . Racket net traps
23/34 . . with snares
23/36 . . with arrangements for piercing the victim
23/38 . Electric traps
25/00 Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20)
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
29/06 . using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like