

# 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.

<b>1/00</b>	<b>Stationary means for catching or killing insects</b>	1/2027	. . . {without heating}
1/02	. with devices {or substances, e.g. food, pheromones} attracting the insects	1/2033	. . . . {using a fan}
1/023	. . {Attracting insects by the simulation of a living being, i.e. emission of carbon dioxide, heat, sound waves or vibrations}	1/2038	. . . . {Holders or dispensers for pressurized insecticide, e.g. pressurized vessels, cans}
1/026	. . {combined with devices for monitoring insect presence, e.g. termites (bait stations <a href="#">A01M 1/2005</a> ; detecting other animals in a given area <a href="#">A01M 31/002</a> )}	1/2044	. . . . {Holders or dispensers for liquid insecticide, e.g. using wicks}
1/04	. . {Attracting insects by} using illumination {or colours ( <a href="#">A01M 1/08</a> and <a href="#">A01M 1/145</a> take precedence)}	1/205	. . . . . {using vibrations, e.g. ultrasonic or piezoelectric atomizers}
1/06	. {Catching insects by} using a suction effect {( <a href="#">A01M 3/00</a> takes precedence)}	1/2055	. . . . {Holders or dispensers for solid, gelified or impregnated insecticide, e.g. volatile blocks or impregnated pads}
1/08	. {Attracting and catching insects by} using combined illumination {or colours} and suction effects	1/2061	. . . {using a heat source}
1/10	. {Catching insects by using} Traps {(using suction effect <a href="#">A01M 1/06</a> )}	1/2066	. . . . {burning insecticide, e.g. impregnated candles, burning coils}
1/103	. . {for crawling insects}	1/2072	. . . . {combined with a fan}
1/106	. . {for flying insects}	1/2077	. . . . {using an electrical resistance as heat source ( <a href="#">A01M 1/2083</a> takes precedence)}
1/12	. . automatically reset	1/2083	. . . . {using a light bulb as heat source}
1/14	. Catching by adhesive surfaces	1/2088	. . . . {using a burner or a flame as heat source}
1/145	. . {Attracting and catching insects using combined illumination or colours and adhesive surfaces}	1/2094	. . {killing insects by using temperature, e.g. flames, steam or freezing ( <a href="#">A01M 1/22</a> takes precedence)}
1/16	. . Fly papers or ribbons	1/22	. {Killing insects} by electric means (electric circuits therefor <a href="#">H05C</a> )
1/165	. . . {Hanging or fastening means}	1/223	. . {by using electrocution}
1/18	. . Adhesive bands or coatings for trees {(protecting plants against climbing insects <a href="#">A01G 13/105</a> )}	1/226	. . {by using waves, fields or rays, e.g. sound waves, microwaves, electric waves, magnetic fields, light rays}
1/20	. Poisoning, narcotising, or burning insects {(fumigation apparatus <a href="#">A01M 13/00</a> )}	1/24	. Arrangements connected with buildings, doors, windows, or the like
1/2005	. . {Poisoning insects using bait stations ( <a href="#">A01M 1/10</a> takes precedence)}	1/245	. . {for pesticide application or distribution, e.g. using a network of pipes}
1/2011	. . . {for crawling insects}	<b>3/00</b>	<b>Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets</b>
1/2016	. . . {for flying insects}	3/002	. {Insect nets}
1/2022	. . {Poisoning or narcotising insects by vaporising an insecticide}	3/005	. {Manual suction tools for catching insects}

- 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 {(poisoning or narcotising insects by vaporising an insecticide [A01M 1/2022](#))}**
- 13/003 . {Enclosures 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](#))}**

<b>21/00</b>	<b>Apparatus for the destruction of unwanted vegetation, e.g. weeds</b> (control of undesirable vegetation on roads or permanent ways of railways <a href="#">E01H 11/00</a> )	29/08	<ul style="list-style-type: none"> <li>• using reflection, colours or films with specific transparency or reflectivity</li> </ul>
21/02	<ul style="list-style-type: none"> <li>• Apparatus for mechanical destruction {(hand-tools for uprooting weeds <a href="#">A01B 1/16</a>; machines for working soil and for weeding <a href="#">A01B 39/18</a>; harvesting machines <a href="#">A01D</a>; cutting implements <a href="#">A01G 3/00</a>)}</li> </ul>	29/10	<ul style="list-style-type: none"> <li>• using light sources, e.g. lasers or flashing lights</li> </ul>
21/04	<ul style="list-style-type: none"> <li>• Apparatus for destruction by steam, chemicals, burning, or electricity {(apparatus for burning <a href="#">A01M 15/00</a>)}</li> </ul>	29/12	<ul style="list-style-type: none"> <li>• using odoriferous substances, e.g. aromas, pheromones or chemical agents</li> </ul>
21/043	<ul style="list-style-type: none"> <li>• {by chemicals}</li> </ul>	29/14	<ul style="list-style-type: none"> <li>• using thermal effects</li> </ul>
21/046	<ul style="list-style-type: none"> <li>• {by electricity}</li> </ul>	29/16	<ul style="list-style-type: none"> <li>• using sound waves</li> </ul>
<b>23/00</b>	<b>Traps for animals</b>	29/18	<ul style="list-style-type: none"> <li>• using ultrasonic signals</li> </ul>
23/005	<ul style="list-style-type: none"> <li>• {with sticky surfaces (for insects <a href="#">A01M 1/14</a>)}</li> </ul>	29/20	<ul style="list-style-type: none"> <li>• with generation of periodically explosive reports</li> </ul>
23/02	<ul style="list-style-type: none"> <li>• Collecting-traps</li> </ul>	29/22	<ul style="list-style-type: none"> <li>• using vibrations (<a href="#">A01M 29/16</a> takes precedence)</li> </ul>
23/04	<ul style="list-style-type: none"> <li>• with tipping platforms</li> </ul>	29/24	<ul style="list-style-type: none"> <li>• using electric or magnetic effects, e.g. electric shocks, magnetic fields or microwaves</li> </ul>
23/06	<ul style="list-style-type: none"> <li>• with locking mechanism for the tipping platform</li> </ul>	29/26	<ul style="list-style-type: none"> <li>• specially adapted for birds, e.g. electrified rods, cords or strips</li> </ul>
23/08	<ul style="list-style-type: none"> <li>• with approaches permitting entry only</li> </ul>	29/28	<ul style="list-style-type: none"> <li>• specially adapted for insects</li> </ul>
23/10	<ul style="list-style-type: none"> <li>• with rotating cylinders or turnstiles</li> </ul>	29/30	<ul style="list-style-type: none"> <li>• preventing or obstructing access or passage, e.g. by means of barriers, spikes, cords, obstacles or sprinkled water</li> </ul>
23/12	<ul style="list-style-type: none"> <li>• with devices for throwing the animal to a collecting chamber</li> </ul>	29/32	<ul style="list-style-type: none"> <li>• specially adapted for birds, e.g. spikes</li> </ul>
23/14	<ul style="list-style-type: none"> <li>• Other traps automatically reset</li> </ul>	29/34	<ul style="list-style-type: none"> <li>• specially adapted for insects</li> </ul>
23/16	<ul style="list-style-type: none"> <li>• Box traps</li> </ul>	<b>31/00</b>	<b>Hunting appliances</b>
23/18	<ul style="list-style-type: none"> <li>• with pivoted closure flaps</li> </ul>	31/002	<ul style="list-style-type: none"> <li>• {Detecting animals in a given area}</li> </ul>
23/20	<ul style="list-style-type: none"> <li>• with dropping doors or slides</li> </ul>	31/004	<ul style="list-style-type: none"> <li>• {Game callers}</li> </ul>
23/22	<ul style="list-style-type: none"> <li>• with dropping covers</li> </ul>	31/006	<ul style="list-style-type: none"> <li>• {Game carriers}</li> </ul>
23/24	<ul style="list-style-type: none"> <li>• {Spring traps, e.g.} jaw or like spring traps</li> </ul>	31/008	<ul style="list-style-type: none"> <li>• {Lure dispensing devices}</li> </ul>
23/245	<ul style="list-style-type: none"> <li>• {Auxiliary devices for spring traps, e.g. attaching systems}</li> </ul>	31/02	<ul style="list-style-type: none"> <li>• Shooting stands</li> </ul>
23/26	<ul style="list-style-type: none"> <li>• of the double-jaw or pincer type</li> </ul>	31/025	<ul style="list-style-type: none"> <li>• {Hunting blinds, i.e. camouflage}</li> </ul>
23/265	<ul style="list-style-type: none"> <li>• {of the pincer type}</li> </ul>	31/04	<ul style="list-style-type: none"> <li>• Beater rattles</li> </ul>
23/28	<ul style="list-style-type: none"> <li>• Jaw trap setting-devices</li> </ul>	31/06	<ul style="list-style-type: none"> <li>• Decoys</li> </ul>
23/30	<ul style="list-style-type: none"> <li>• Break-back traps {, i.e. mouse-trap type}</li> </ul>	<b>99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>
23/32	<ul style="list-style-type: none"> <li>• Racket net traps</li> </ul>	<b>2200/00</b>	<b>Kind of animal</b>
23/34	<ul style="list-style-type: none"> <li>• with snares</li> </ul>	2200/01	<ul style="list-style-type: none"> <li>• Insects</li> </ul>
23/36	<ul style="list-style-type: none"> <li>• with arrangements for piercing the victim</li> </ul>	2200/011	<ul style="list-style-type: none"> <li>• Crawling insects</li> </ul>
23/38	<ul style="list-style-type: none"> <li>• Electric traps</li> </ul>	2200/012	<ul style="list-style-type: none"> <li>• Flying insects</li> </ul>
<b>25/00</b>	<b>Devices for dispensing poison for animals</b> ( <a href="#">A01M 27/00</a> takes precedence; for insects <a href="#">A01M 1/20</a> )		
25/002	<ul style="list-style-type: none"> <li>• {Bait holders, i.e. stationary devices for holding poisonous bait at the disposal of the animal}</li> </ul>		
25/004	<ul style="list-style-type: none"> <li>• {Bait stations, i.e. boxes completely enclosing the bait and provided with animal entrances}</li> </ul>		
25/006	<ul style="list-style-type: none"> <li>• {Poison applicators, i.e. mobile devices for disposing poison wherever required, e.g. into holes, burrows, walls or ground}</li> </ul>		
25/008	<ul style="list-style-type: none"> <li>• {Devices specially adapted for snails, e.g. bait stations therefor (protective devices against snails <a href="#">A01G 13/105</a>)}</li> </ul>		
<b>27/00</b>	<b>Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby</b>		
<b>29/00</b>	<b>Scaring or repelling devices, e.g. bird-scaring apparatus</b>		
29/06	<ul style="list-style-type: none"> <li>• using visual means, e.g. scarecrows, moving elements, specific shapes, patterns or the like</li> </ul>		