

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

AGRICULTURE

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

A01K ANIMAL HUSBANDRY; AVICULTURE; APICULTURE; PISCICULTURE; FISHING; REARING OR BREEDING ANIMALS, NOT OTHERWISE PROVIDED FOR; NEW BREEDS OF ANIMALS

NOTE

This subclass covers:

- equipment for the care, culture or rearing of all animals, or for obtaining their products, unless provided for elsewhere, e.g. milking [A01J](#), shoeing animals [A01L](#), veterinary devices [A61D](#), culture of animal cells [C12M](#), [C12N](#);
- methods of breeding animals or new animal breeds.

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.

Animal husbandry in general, especially cattle-raising

1/00 Housing animals; Equipment therefor

- 1/0005 . {Stable partitions (devices for fastening animals [A01K 1/06](#); pasturing enclosures [A01K 3/00](#))}
- 1/0011 . . {Cubicle partitions}
- 1/0017 . . {Gates, doors}
- 1/0023 . . . {Sorting gates}
- 1/0029 . . . {Crowding gates or barriers}
- 1/0035 . {Transportable or mobile animal shelters}
- 1/0041 . {Rotary, round or circular animal barns}
- 1/0047 . {Air-conditioning, e.g. ventilation, of animal housings}
- 1/0052 . . {Arrangement of fans or blowers}
- 1/0058 . . {Construction of air inlets or outlets in roofs}
- 1/0064 . . {Construction of air inlets or outlets in walls}
- 1/007 . . {Arrangement of curtain systems}
- 1/0076 . . {Arrangement of heaters or heat exchangers}
- 1/0082 . . {Water misting or cooling systems}
- 1/0088 . {Animal shelters especially adapted for keeping young cattle, i.e. calves}
- 1/0094 . {Animal shelters or barns especially adapted for keeping horses}
- 1/01 . Removal of dung or urine, {e.g. from stables} ([A01K 1/015](#) takes precedence; {from poultry houses [A01K 31/04](#)})
- 1/0103 . . {of liquid manure (treating manure [A01C 3/00](#); treatment of water, waste water, sewage or sludge [C02F](#))}
- 1/0107 . . {Cat trays; Dog urinals; Toilets for pets}
- 1/011 . . . {with means for removing excrement ([A01K 1/0114](#) and [A01K 1/0117](#) take precedence)}
- 1/0114 . . . {Litter boxes with screens for separating excrement from litter}
- 1/0117 . . . {with conveying belts for removing excrement}
- 1/0121 . . . {adapted to fit on conventional toilets}

- 1/0125 . . . {Foldable or collapsible litter boxes}
- 1/0128 . . {by means of scrapers or the like moving continuously}
- 1/0132 . . {by means of scrapers or the like moving to-and-fro or step-by-step}
- 1/0135 . . {by means of conveyor belts}
- 1/0139 . . {by means of screw conveyors}
- 1/0142 . . {by means of a moving piston}
- 1/0146 . . {by means of manure-loaders, manure-ramps or manure-elevators associated with in-house removal systems (independent manure-loaders [A01C 3/04](#))}
- 1/015 . Floor coverings, e.g. bedding-down sheets {; Stable floors}
- 1/0151 . . {Grids; Gratings; Slatted floors}
- 1/0152 . . {Litter}
- 1/0154 . . . {comprising inorganic material}
- 1/0155 . . . {comprising organic material}
- 1/0157 . . {Mats; Sheets}
- 1/0158 . . {Floor heating or cooling systems}
- 1/02 . Pigsties; Dog-kennels; Rabbit-hutches or the like
- 1/0209 . . {Feeding pens for pigs or cattle}
- 1/0218 . . {Farrowing or weaning crates}
- 1/0227 . . {Battery cages for piglets}
- 1/0236 . . {Transport boxes, bags, cages, baskets, harnesses for animals; Fittings therefor (for poultry [A01K 31/002](#); for pigeons [A01K 31/07](#))}
- 1/0245 . . . {Boxes or cages}
- 1/0254 . . . {Bags or baskets}
- 1/0263 . . . {Harnesses}
- 1/0272 . . . {Boxes, bags, cages, baskets, harnesses especially adapted for transport in or on automobiles}
- 1/0281 . . . {Boxes, bags, cages, baskets, harnesses especially adapted for transport in or on bicycles or motorcycles}

- 1/029 . . . {Boxes, bags, cages, baskets, harnesses especially adapted for carrying the animal on the body of a person ([baby carriers A47D 13/02](#))}
- 1/03 . . Housing for domestic or laboratory animals
- 1/031 . . . {Cages for laboratory animals; Cages for measuring metabolism of animals}
- 1/032 . . . {Rabbit-hutches or cages}
- 1/033 . . . {Cat or dog houses}
- 1/034 {Dog-kennels}
- 1/035 . . Devices for use in keeping domestic animals, e.g. fittings in housings or dog beds
- 1/0353 . . . {Dog beds}
- 1/0356 . . . {Feeding or drinking devices associated with cages ([for poultry A01K 31/005](#), [A01K 31/17](#), [A01K 39/00](#); [for birds A01K 31/06](#))}
- 1/04 . Tethering-poles or the like
- 1/06 . Devices for fastening animals, e.g. halters, toggles, neck-bars or chain fastenings
- 1/0606 . . {by means of grids with or without movable locking bars ([A01K 1/08 takes precedence](#))}
- 1/0613 . . {Devices for immobilisation or restraint of animals, e.g. chutes ([pens for animals while being shod A01L 13/00](#); [appliances for supporting or fettering animals for operative purposes A61D 3/00](#))}
- 1/062 . . Neck-bars {, e.g. neck collars}
- 1/064 . . Chain fastenings
- 1/08 . Arrangements for simultaneously releasing several animals
- 1/10 . Feed racks
- 1/105 . . {Movable feed barriers, slides or fences}
- 1/12 . Milking stations
- 1/123 . . {Mobile milking parlours}
- 1/126 . . {Carousels}
- 3/00 Pasturing equipment, e.g. tethering devices; Grids for preventing cattle from straying; Electrified wire fencing (electric circuits or apparatus for supplying electric wire fencing H05C)**
- 3/001 . {Portable, temporary, and collapsible fencing for pastures}
- 3/002 . {Grids for preventing cattle from straying through an open passage of an enclosure}
- 3/004 . . {of electrical type, e.g. tape, wire, or rod}
- 3/005 . {Electrified fencing for pastures}
- 3/006 . . {Gates specially adapted therefor}
- 2003/007 . {Fencing and guiding systems for amphibia}
- 5/00 Feeding devices for stock or game ([A01K 1/10 takes precedence](#); [feeding devices for poultry or other birds A01K 39/00](#)); **Feeding wagons; Feeding stacks****
- 5/001 . {Fodder distributors with mixer or shredder ([adaptations of cutting machine A01F 29/00](#))}
- 5/002 . . {with mixing or shredding element rotating on horizontal axis}
- 5/004 . . {with mixing or shredding element rotating on vertical axis}
- 5/005 . . {where fodder, e.g. bales, is conveyed by conveyor or slide to mixing or shredding elements on transversal and horizontal axes}
- 5/007 . . {with mixing or shredding area contained inside an endless chain or belt conveyor}
- 5/008 . {Feed bags}
- 5/01 . Feed troughs; Feed pails ([A01K 1/10 takes precedence](#))
- 5/0107 . . {Transportable fodder pails or troughs}
- 5/0114 . . {Pet food dispensers; Pet food trays ([time-controlled A01K 5/0291](#))}
- 5/0121 . . . {Disposable pet feeders}
- 5/0128 . . . {Pet feeders including liners; liners therefor; Means for holding liners to pet feeders}
- 5/0135 . . . {with means for preventing or catching spillage}
- 5/0142 . . . {with means for preventing other animals or insects from eating}
- 5/015 . Licking-stone holders {; Other dispensers for minerals}
- 5/02 . Automatic devices ([automatic identification devices for stock A01K 11/006](#))
- 5/0208 . . {with conveyor belts or the like}
- 5/0216 . . {for the distribution of liquid fodder ([A01K 9/00 takes precedence](#))}
- 5/0225 . . {Gravity replenishment from a reserve, e.g. a hopper ([for poultry A01K 39/012](#))}
- 5/0233 . . . {dispensing by dosing means actively operated by the animal}
- 5/0241 . . . {dispensing by means of stirring mechanisms or agitators operated by the animal}
- 5/025 . . {with doors or lids activated by the animals to access feeding place or trough}
- 5/0258 . . {with endless screws}
- 5/0266 . . {with stable trolleys, e.g. suspended}
- 5/0275 . . {with mechanisms for delivery of measured doses ([A01K 5/0233 takes precedence](#))}
- 5/0283 . . . {by weight}
- 5/0291 . . {with timing mechanisms, e.g. pet feeders}
- 7/00 Watering equipment for stock or game**
- 7/005 . {Drinking bowls with anti-splash or anti-spilling features}
- 7/02 . Automatic devices {; Medication dispensers}
- 7/022 . . {Pumps actuated by the drinking animal}
- 7/025 . . {Water tanks}
- 7/027 . . {Drinking equipment with water heaters, coolers or means for preventing freezing}
- 7/04 . . actuated by float
- 7/06 . . actuated by the animal ([for poultry A01K 39/0213](#))}
- 9/00 Sucking apparatus for young stock {; Devices for mixing solid food with liquids}**
- 9/005 . {Teats or nipples ([teats for feeding bottles for humans A61J 11/00](#))}
- 11/00 Marking of animals (marking poultry or other birds [A01K 35/00](#))**
- 11/001 . {Ear-tags}
- 11/002 . . {Pliers specially adapted for fixing ear-tags to ears}
- 11/003 . . {with means for taking tissue samples, e.g. for DNA analysis}
- 11/004 . . {with electronic identification means, e.g. transponders}
- 11/005 . {Branding or tattooing devices for animals}

11/006	<ul style="list-style-type: none"> {Automatic identification systems for animals, e.g. electronic devices, transponders for animals (identification systems for access to feeding pens A01K 1/0209; ear tags with electronic identification means A01K 11/004)} 	21/00	Devices for assisting or preventing mating
11/007	<ul style="list-style-type: none"> . . {Boluses} 	23/00	Manure or urine pouches
11/008	<ul style="list-style-type: none"> . . {incorporating GPS} 	23/005	<ul style="list-style-type: none"> {Manure or urine collecting devices used independently from the animal, i.e. not worn by the animal but operated by a person}
13/00	Devices for grooming or caring of animals, e.g. curry-combs; Fetlock rings; Tail-holders (as part of the harness B68B 5/04); Devices for preventing crib-biting; Washing devices; Protection against weather conditions or insects	25/00	Muzzles
13/001	<ul style="list-style-type: none"> {Washing, cleaning, or drying devices (for veterinary purposes A61D 7/00, A61D 11/00)} 	27/00	Leads or collars, e.g. for dogs
13/002	<ul style="list-style-type: none"> {Curry-combs; Brushes (shearing sheep B26B 19/24)} 	27/001	<ul style="list-style-type: none"> {Collars}
13/003	<ul style="list-style-type: none"> {Devices for applying insecticides or medication (A01K 27/007 takes precedence; for veterinary purposes A61D 7/00)} 	27/002	<ul style="list-style-type: none"> {Harnesses}
13/004	<ul style="list-style-type: none"> {Rubbing-posts} 	27/003	<ul style="list-style-type: none"> {Leads, leashes}
13/005	<ul style="list-style-type: none"> {Tail-holders} 	27/004	<ul style="list-style-type: none"> . . {Retractable leashes}
13/006	<ul style="list-style-type: none"> {Protective coverings (Elastic soles or covers for hoofs A01L 5/00, A01L 7/02; for veterinary purposes A61D)} 	27/005	<ul style="list-style-type: none"> {Quick-couplings, safety-couplings or shock-absorbing devices between leash and collar}
13/007	<ul style="list-style-type: none"> . . {Leg, hoof or foot protectors} 	27/006	<ul style="list-style-type: none"> {with light-emitting or ornamental devices}
13/008	<ul style="list-style-type: none"> . . {Horse blankets} 	27/007	<ul style="list-style-type: none"> {with insecticide-dispensing means}
14/00	Removing the fleece from live sheep or similar animals (hand-held clippers or shavers with a plurality of cutting edges, specially adapted for shearing animals, e.g. sheep, B26B 19/24)	27/008	<ul style="list-style-type: none"> {with pockets or similar for carrying accessories}
15/00	Devices for taming animals, e.g. nose-rings or hobbles; Devices for overturning animals in general; Training or exercising equipment; Covering boxes	27/009	<ul style="list-style-type: none"> {with electric-shock, sound, magnetic- or radio-waves emitting devices}
15/003	<ul style="list-style-type: none"> {Nose-rings; Fastening tools therefor; Catching or driving equipment} 	29/00	Other apparatus for animal husbandry
15/006	<ul style="list-style-type: none"> {Devices for impeding passage of animals under fences, preventing butting or the like} 	29/005	<ul style="list-style-type: none"> {Monitoring or measuring activity, e.g. detecting heat or mating}
15/02	<ul style="list-style-type: none"> Training or exercising equipment, e.g. mazes or labyrinths for animals (A01K 15/04 takes precedence){; Electric shock devices (circuits therefor H03K 3/537); Toys specially adapted for animals} 	Aviculture; Testing, cleaning, stamping or grading eggs	
15/021	<ul style="list-style-type: none"> . . {Electronic training devices specially adapted for dogs or cats} 	31/00	Housing birds
15/022	<ul style="list-style-type: none"> . . . {Anti-barking devices} 	31/002	<ul style="list-style-type: none"> {Poultry cages, e.g. transport boxes (Harvesting or transport of poultry A01K 45/005)}
15/023	<ul style="list-style-type: none"> . . . {Anti-evasion devices} 	31/005	<ul style="list-style-type: none"> . . {Battery breeding cages, with or without auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation}
15/024	<ul style="list-style-type: none"> . . {Scratching devices, e.g. for cats} 	31/007	<ul style="list-style-type: none"> . . {Floors (for stables A01K 1/015)}
15/025	<ul style="list-style-type: none"> . . {Toys specially adapted for animals} 	31/02	<ul style="list-style-type: none"> Door appliances; Automatic door-openers
15/026	<ul style="list-style-type: none"> . . . {Chewable toys, e.g. for dental care of pets} 	31/04	<ul style="list-style-type: none"> Dropping-boards; Devices for removing excrement
15/027	<ul style="list-style-type: none"> . . {Exercising equipment, e.g. tread mills, carousels (equipment for racing or riding sports events A63K)} 	31/06	<ul style="list-style-type: none"> Cages {, e.g. for singing birds (for poultry A01K 31/002)}
15/028	<ul style="list-style-type: none"> . . {Cow trainers} 	31/07	<ul style="list-style-type: none"> . . Transportable cages (A01K 31/08 takes precedence){; Travelling cages for pigeons; Opening or closing of cages}
15/029	<ul style="list-style-type: none"> . . {Electric or similar shock devices, e.g. prods} 	31/08	<ul style="list-style-type: none"> . . Collapsible cages
15/04	<ul style="list-style-type: none"> Devices for impeding movement; Devices for impeding passage through fencing {, e.g. hobbles or the like; Anti-kicking devices (impeding passage under fences A01K 15/006)} 	31/10	<ul style="list-style-type: none"> Doors; Trap-doors
17/00	Dehorner; Horn trainers	31/12	<ul style="list-style-type: none"> Perches {for poultry or birds, e.g. roosts}
19/00	Weaning apparatus	31/14	<ul style="list-style-type: none"> Nest-boxes {, e.g. for singing birds or the like}
		31/16	<ul style="list-style-type: none"> . . Laying nests for poultry; Egg collecting
		31/165	<ul style="list-style-type: none"> . . . {Egg collecting or counting}
		31/17	<ul style="list-style-type: none"> . . . Laying batteries {including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation}
		31/18	<ul style="list-style-type: none"> Chicken coops or houses {for baby chicks}; Brooders {including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation (battery breeding cages A01K 31/005)}
		31/19	<ul style="list-style-type: none"> . . Brooders {; Foster-mothers; Hovers}
		31/20	<ul style="list-style-type: none"> . . Heating arrangements {; Ventilation}
		31/22	<ul style="list-style-type: none"> Poultry runs {; Poultry houses, including auxiliary features, e.g. feeding, watering, demanuring (air-conditioning of poultry runs or houses A01K 1/0047)}
		31/24	<ul style="list-style-type: none"> Dovecots; Pigeon lofts
		33/00	Nest-eggs

35/00	Marking poultry or other birds {(marking meat A22C 17/10)}	51/00	Appliances for treating beehives or parts thereof, e.g. for cleaning or disinfecting
37/00	Constraining birds, e.g. wing clamps	53/00	Feeding or drinking appliances for bees
39/00	Feeding or drinking appliances for poultry or other birds {(A01K 31/005, A01K 31/06, A01K 31/17 take precedence)}	55/00	Bee-smokers; Bee-keepers' accessories, e.g. veils
39/01	. Feeding devices, {e.g. chainfeeders}(A01K 39/04 takes precedence; {panfeeding systems, feeding pans A01K 39/0125 })	57/00	Appliances for providing, preventing or catching swarms; Drone-catching devices
39/0106	. . {for solid feed, e.g. grit-cake holders (licking-stone holders for stock or game A01K 5/015)}	59/00	Honey collection
39/0113	. . {with means to prevent other animals or insects, e.g. squirrels or ants, from eating also}	59/02	. Devices for uncapping honeycombs
39/012	. . filling automatically {, e.g. by gravity from a reserve}	59/04	. Honey strainers {; Strainers with centrifuges or presses}
39/0125	. . . {Panfeeding systems; Feeding pans therefor}	59/06	. Devices for extracting wax
39/014	. . Feed troughs; Feed throwers		
39/02	. Drinking appliances (A01K 39/04 takes precedence)	<u>Pisciculture; Aquaria; Terraria</u>	
39/0206	. . {Drinkers especially adapted for feeding hummingbirds}	61/00	Culture of aquatic animals (receptacles for live fish, e.g. aquaria, A01K 63/00)
39/0213	. . {Nipple drinkers}	61/10	. of fish
39/022	. . with weight-controlled supply	61/13	. . Prevention or treatment of fish diseases
39/024	. . with float-controlled supply	61/17	. . Hatching, e.g. incubators
39/026	. . kept filled to constant level from incorporated storage	61/20	. of zooplankton, e.g. water fleas or Rotatoria
39/04	. Combined feeding and drinking appliances {, e.g. also for batteries}	61/30	. of sponges, sea urchins or sea cucumbers
39/06	. Cramming appliances {, e.g. helical force-feeders}	61/40	. of annelids, e.g. lugworms or Eunice
41/00	Incubators for poultry	61/50	. of shellfish (A01K 61/30 , A01K 61/40 take precedence)
41/02	. Heating arrangements	61/51	. . of gastropods, e.g. abalones or turban snails
41/023	. . {Devices for regulating temperature}	61/53	. . . Baskets therefor
41/026	. . {Heating with water}	61/54	. . of bivalves, e.g. oysters or mussels
41/04	. Controlling humidity in incubators	61/55	. . . Baskets therefor
41/06	. Egg-turning appliances for incubators	61/56	. . . for pearl production
41/065	. . {Egg drawers}	61/57 Pearl seeds
43/00	Testing, sorting or cleaning eggs (investigating or analysing eggs, e.g. by candling G01N 33/08); {Conveying devices (for batteries A01K 31/165); Pick-up devices}	61/59	. . of crustaceans, e.g. lobsters or shrimps
43/005	. {Cleaning, washing of eggs}	61/60	. Floating cultivation devices, e.g. rafts or floating fish-farms
43/04	. Grading eggs	61/65	. . Connecting or mooring devices therefor
43/06	. . according to size	61/70	. Artificial fishing banks or reefs
43/08	. . according to weight	61/72	. . made of tyres
43/10	. . Grading and stamping	61/73	. . assembled of components (A01K 61/72 takes precedence)
45/00	Other aviculture appliances, e.g. devices for determining whether a bird is about to lay	61/75	. . floating (A01K 61/72 takes precedence)
45/002	. {Bird baths or showers}	61/77	. . of monolithic form, e.g. blocks
45/005	. {Harvesting or transport of poultry}	61/78	. . Arrangements for sinking or mooring thereof
45/007	. {Injecting or otherwise treating hatching eggs}	61/80	. Feeding devices
		61/85	. . for use with aquaria
<u>Apiculture</u>		61/90	. Sorting, grading, counting or marking live aquatic animals, e.g. sex determination
47/00	Beehives	61/95	. . specially adapted for fish
47/02	. Construction or arrangement of frames for honeycombs	63/00	Receptacles for live fish, e.g. aquaria (keepnets or other containers for keeping captured fish A01K 97/20); Terraria
47/04	. Artificial honeycombs	63/003	. {Aquaria; Terraria (A01K 63/04 , A01K 63/06 take precedence)}
47/06	. Other details of beehives, e.g. ventilating devices, entrances to hives, guards, partitions or bee escapes	63/006	. . {Accessories for aquaria or terraria}
49/00	Rearing-boxes; Queen transporting or introducing cages	63/02	. Receptacles specially adapted for transporting live fish
		63/04	. Arrangements for treating water specially adapted to receptacles for live fish
		63/042	. . {Introducing gases into the water, e.g. aerators, air pumps}
		63/045	. . {Filters for aquaria}
		63/047	. . {Liquid pumps for aquaria (air pumps for aquaria A01K 63/042)}

- 63/06 . Arrangements for heating or lighting in, or attached to, receptacles for live fish
- 63/065 . . {Heating or cooling devices}
- 63/10 . Cleaning bottoms or walls of ponds or receptacles
- 65/00** **Fish stringers** {(devices for threading fish on strings [A22C 25/10](#))}

67/00 **Rearing or breeding animals, not otherwise provided for; New or modified breeds of animals**

NOTE

In this group the following term is used with the meaning indicated:

- "breeding" means obtaining animals up to and including their birth or hatching.

- 67/02 . Breeding vertebrates

NOTE

{Documents relating to new peptides or new DNA or its corresponding mRNA encoding for peptides and their use for the obtention of transgenic animals are classified in subclass [C07K](#) or in group [C12N 9/00](#) according to the peptides, and are given the appropriate Indexing Codes.}

- 67/027 . New or modified breeds of vertebrates

NOTE

{In group [A01K 67/027](#), it is desirable to add the Indexing Codes of [A01K 2227/00](#) and subgroups relating to animals characterised by species and to add the Indexing Codes of [A01K 2267/00](#) and subgroups relating to animals characterised by their purpose. In groups [A01K 67/0275](#) - [A01K 67/0278](#), [A01K 67/0333](#) and subgroups thereof, it is also desirable to add the Indexing Codes of [A01K 2217/00](#) and subgroups to characterise specific aspects of the genetically modified animals or the Indexing Codes of [A01K 2267/00](#) and subgroups to characterise the purpose of the animals.}

- 67/0271 . . Chimeric vertebrates, e.g. comprising exogenous cells
- 67/0273 . . Cloned vertebrates
- 67/0275 . . Genetically modified vertebrates, e.g. transgenic
- 67/0276 . . . Knock-out vertebrates
- 67/0278 . . . Knock-in vertebrates, e.g. humanised vertebrates
- 67/033 . Rearing or breeding invertebrates; New breeds of invertebrates

NOTE

In group [A01K 67/033](#), it is desirable to add the indexing codes relating to transgenic animals.
In group [A01K 67/033](#), it is desirable to add the indexing codes relating to animals characterised by their purpose

- 67/0331 . . {Snails ([A01K 67/0333](#) takes precedence)}
- 67/0332 . . {Earthworms ([A01K 67/0333](#) takes precedence)}
- 67/0333 . . {Genetically modified invertebrates, e.g. transgenic, polyploid}
- 67/0334 . . . {Genetically modified Molluscs}
- 67/0335 . . . {Genetically modified worms}

- 67/0336 {Genetically modified Nematodes, e.g. *Caenorhabditis elegans*}
- 67/0337 . . . {Genetically modified Arthropods}
- 67/0338 {Genetically modified Crustaceans}
- 67/0339 {Genetically modified insects, e.g. *Drosophila melanogaster*, medfly}
- 67/04 . . Silkworms {([A01K 67/0333](#) takes precedence)}

Fishing

69/00

- 69/02 . Fixed nets without traps
- 69/04 . Fixed nets with traps
- 69/06 . Traps
- 69/08 . . Rigid traps, e.g. lobster pots
- 69/10 . . Collapsible traps

71/00

Floating nets {(if drawn [A01K 73/00](#))}

73/00

Drawn nets

- 73/02 . Trawling nets

WARNING

Group [A01K 73/02](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).

Groups [A01K 73/02](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.

73/025

- . . {Regulation of net depth}

WARNING

Group [A01K 73/025](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).

Groups [A01K 73/025](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.

73/04

- . . Devices for spreading or positioning, e.g. control thereof

WARNING

Group [A01K 73/04](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).

Groups [A01K 73/04](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.

73/045

- . . . for lateral sheering, e.g. trawl boards

WARNING

Group [A01K 73/045](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).

Groups [A01K 73/045](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.

- 73/05 . . . for vertical sheering
- WARNING**
- Group [A01K 73/05](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
- Groups [A01K 73/05](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- 73/053 . . . Ground-line rollers
- WARNING**
- Group [A01K 73/053](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
- Groups [A01K 73/053](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- 73/06 . . Hauling devices for the headlines
- WARNING**
- Group [A01K 73/06](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
- Groups [A01K 73/06](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- 73/063 . . {having excluder device}
- WARNING**
- Group [A01K 73/063](#) is incomplete pending reclassification of documents from groups [A01K 73/02](#), [A01K 73/025](#), [A01K 73/04](#), [A01K 73/045](#), [A01K 73/05](#), [A01K 73/053](#), [A01K 73/06](#), and [A01K 73/10](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 73/067 . . {using electrical shock to control fish or aquatic animal}
- WARNING**
- Group [A01K 73/067](#) is incomplete pending reclassification of documents from groups [A01K 73/02](#), [A01K 73/025](#), [A01K 73/04](#), [A01K 73/045](#), [A01K 73/05](#), [A01K 73/053](#), [A01K 73/06](#), [A01K 73/10](#), and [A01K 79/02](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 73/10 . . Determining the quantity of the catch, e.g. by the pull or drag on the lines
- WARNING**
- Group [A01K 73/10](#) is impacted by reclassification into groups [A01K 73/063](#) and [A01K 73/067](#).
- Groups [A01K 73/10](#), [A01K 73/063](#), and [A01K 73/067](#) should be considered in order to perform a complete search.
- 73/12 . . Nets held vertically in the water, e.g. seines
- 74/00 **Other catching nets or the like**
- 75/00 **Accessories for fishing nets; Details of fishing nets, e.g. structure**
- WARNING**
- Group [A01K 75/00](#) is impacted by reclassification into group [A01K 75/005](#).
- Groups [A01K 75/00](#) and [A01K 75/005](#) should be considered in order to perform a complete search.
- 75/005 . {Net structures, e.g. structural arrangements of net panels}
- WARNING**
- Group [A01K 75/005](#) is incomplete pending reclassification of documents from group [A01K 75/00](#).
- Groups [A01K 75/00](#) and [A01K 75/005](#) should be considered in order to perform a complete search.
- 75/02 . Illuminating devices for nets
- 75/04 . Floats
- 75/06 . Sinkers
- 77/00 **Landing-nets for fishing; Landing-spoons for fishing**
- WARNING**
- Group [A01K 77/00](#) is impacted by reclassification into group [A01K 77/005](#).
- Groups [A01K 77/00](#) and [A01K 77/005](#) should be considered in order to perform a complete search.
- 77/005 . {foldable}
- WARNING**
- Group [A01K 77/005](#) is incomplete pending reclassification of documents from group [A01K 77/00](#).
- Groups [A01K 77/00](#) and [A01K 77/005](#) should be considered in order to perform a complete search.
- 79/00 **Methods or means of catching fish in bulk not provided for in groups [A01K 69/00](#) - [A01K 77/00](#), {e.g. fish pumps; Detection of fish; Whale fishery}**
- 79/02 . by electrocution
- WARNING**
- Group [A01K 79/02](#) is impacted by reclassification into group [A01K 73/067](#).
- Groups [A01K 79/02](#) and [A01K 73/067](#) should be considered in order to perform a complete search.
- 80/00 **Harvesting oysters, mussels, sponges or the like**
- WARNING**
- Group [A01K 80/00](#) is impacted by reclassification into group [A01K 80/005](#).
- Groups [A01K 80/00](#) and [A01K 80/005](#) should be considered in order to perform a complete search.

- 80/005 . {Sleds running on the bottom for catching ground-living or underground-living aquatic organisms}

WARNING

Group [A01K 80/005](#) is incomplete pending reclassification of documents from group [A01K 80/00](#).

Groups [A01K 80/00](#) and [A01K 80/005](#) should be considered in order to perform a complete search.

- 81/00 Fishing with projectiles (weapons, projectiles other than fish-spears F41, F42)**

- 81/04 . Fish-spears

- 81/06 . Equipment for hunting fish under water (swimming equipment [A63B 31/00](#) - [A63B 35/00](#))

Angling

- 83/00 Fish-hooks**

WARNING

Group [A01K 83/00](#) is impacted by reclassification into groups [A01K 83/066](#), [A01K 83/067](#), and [A01K 83/069](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 83/02 . Expanding fish-hook assembly

WARNING

Group [A01K 83/02](#) is impacted by reclassification into group [A01K 83/025](#).

Groups [A01K 83/02](#) and [A01K 83/025](#) should be considered in order to perform a complete search.

- 83/025 . . {pull-actuated}

WARNING

Group [A01K 83/025](#) is incomplete pending reclassification of documents from group [A01K 83/02](#).

Groups [A01K 83/02](#) and [A01K 83/025](#) should be considered in order to perform a complete search.

- 83/04 . with special gripping arms

WARNING

Group [A01K 83/04](#) is impacted by reclassification into group [A01K 83/045](#).

Groups [A01K 83/04](#) and [A01K 83/045](#) should be considered in order to perform a complete search.

- 83/045 . . {pull-actuated}

WARNING

Group [A01K 83/045](#) is incomplete pending reclassification of documents from group [A01K 83/04](#).

Groups [A01K 83/04](#) and [A01K 83/045](#) should be considered in order to perform a complete search.

- 83/06 . Devices for holding bait on hooks

WARNING

Group [A01K 83/06](#) is impacted by reclassification into groups [A01K 83/061](#), [A01K 83/063](#), and [A01K 83/064](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 83/061 . . {bait encircling}

WARNING

Group [A01K 83/061](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/061](#) should be considered in order to perform a complete search.

- 83/063 . . {with opposed gripping jaws}

WARNING

Group [A01K 83/063](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/063](#) should be considered in order to perform a complete search.

- 83/064 . . {mounted on, integral with, or rigidly connected to the hook}

WARNING

Group [A01K 83/064](#) is incomplete pending reclassification of documents from group [A01K 83/06](#).

Groups [A01K 83/06](#) and [A01K 83/064](#) should be considered in order to perform a complete search.

- 83/066 . {Guards, e.g. weedless hooks}

WARNING

Groups [A01K 83/066](#), [A01K 83/067](#), and [A01K 83/069](#) are incomplete pending reclassification of documents from group [A01K 83/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 83/067 . . {shiftable, collapsible, or line-operated}

- 83/069 . . {Hook closing}

85/00 Artificial bait for fishing

WARNING

Group [A01K 85/00](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/005 . {without hooks}

WARNING

Group [A01K 85/005](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/01 . with light emission, sound emission, scent dispersal or the like

WARNING

Group [A01K 85/01](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/015](#), [A01K 85/017](#), [A01K 85/018](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/011 . . {with ornaments creating visual effects, e.g. colors, patterns}

WARNING

Groups [A01K 85/011](#), [A01K 85/012](#), and [A01K 85/013](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/012 . . . {transparent; including reflectors or patterns}
- 85/013 . . . {with projections for simulation and reflecting; with indentations for simulation and reflecting}
- 85/015 . . {with light emission}

WARNING

Group [A01K 85/015](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).

Groups [A01K 85/01](#) and [A01K 85/015](#) should be considered in order to perform a complete search.

- 85/017 . . {with sound emission}

WARNING

Group [A01K 85/017](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).

Groups [A01K 85/01](#) and [A01K 85/017](#) should be considered in order to perform a complete search.

- 85/018 . . {with scent dispersal}

WARNING

Group [A01K 85/018](#) is incomplete pending reclassification of documents from group [A01K 85/01](#).

Groups [A01K 85/01](#) and [A01K 85/018](#) should be considered in order to perform a complete search.

- 85/019 . . {with water passage}

WARNING

Group [A01K 85/019](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/02 . with means for concealing or protecting hooks, e.g. to prevent entanglement with weeds

WARNING

Group [A01K 85/02](#) is impacted by reclassification into groups [A01K 85/021](#), [A01K 85/022](#), [A01K 85/023](#), [A01K 85/024](#), [A01K 85/025](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/021 . . {flexible bodies housing or guarding hooks}

WARNING

Group [A01K 85/021](#) is incomplete pending reclassification of documents from group [A01K 85/02](#).

Groups [A01K 85/02](#) and [A01K 85/021](#) should be considered in order to perform a complete search.

- 85/022 . . {with guards}

WARNING

Groups [A01K 85/022](#), [A01K 85/023](#), [A01K 85/024](#), and [A01K 85/025](#) are incomplete pending reclassification of documents from group [A01K 85/02](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/023 . . . {Hooks housed within lure body or guarded by lure body}

- 85/024 . . . {projecting out from the lure body}

- 85/025 . . . {Hook point closing or covering}

- 85/026 . {with trap hooks}

WARNING

Groups [A01K 85/026](#), [A01K 85/027](#), and [A01K 85/028](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/027 . . {expanding}

- 85/028 . . {pull-actuated}

- 85/029 . {Interchangeable body parts}

WARNING

Group [A01K 85/029](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/08 . Artificial flies

WARNING

Group [A01K 85/08](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/10 . with at least one flat rotating body having its axis of rotation substantially non-coincident with the longitudinal axis of the body {, e.g. spinners}

WARNING

Group [A01K 85/10](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/12 . comprising a body rotating around its longitudinal axis, e.g. devons

WARNING

Group [A01K 85/12](#) is impacted by reclassification into groups [A01K 85/122](#), [A01K 85/125](#), [A01K 85/128](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/122 . . {the body being of the vane type with a cross-section forming an area rather than a line when viewed perpendicularly to the axis of rotation}

WARNING

Group [A01K 85/122](#) is incomplete pending reclassification of documents from group [A01K 85/12](#).

Groups [A01K 85/12](#) and [A01K 85/122](#) should be considered in order to perform a complete search.

- 85/125 . . {the body being of the vane type with a cross-section forming a line rather than an area when viewed perpendicularly to the axis of rotation}

WARNING

Groups [A01K 85/125](#) and [A01K 85/128](#) are incomplete pending reclassification of documents from group [A01K 85/12](#).

Groups [A01K 85/12](#), [A01K 85/125](#), and [A01K 85/128](#) should be considered in order to perform a complete search.

- 85/128 . . . {with spiral or oppositely directed vanes}

- 85/14 . with flat, or substantially flat, undulating bodies, e.g. spoons

WARNING

Group [A01K 85/14](#) is impacted by reclassification into groups [A01K 85/143](#), [A01K 85/147](#), [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/143 . . {with spiral or oppositely directed vanes that are non rotatable with respect to the lure body}

WARNING

Group [A01K 85/143](#) is incomplete pending reclassification of documents from group [A01K 85/14](#).

Groups [A01K 85/14](#) and [A01K 85/143](#) should be considered in order to perform a complete search.

- 85/147 . . {non-marginal hook attachments; non-pivoted hook attachments}

WARNING

Group [A01K 85/147](#) is incomplete pending reclassification of documents from group [A01K 85/14](#).

Groups [A01K 85/14](#) and [A01K 85/147](#) should be considered in order to perform a complete search.

- 85/16 . with other than flat, or substantially flat, undulating bodies, e.g. plugs

WARNING

Group [A01K 85/16](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/18 . . in two or more pieces

WARNING

Group [A01K 85/18](#) is impacted by reclassification into groups [A01K 85/011](#), [A01K 85/012](#), [A01K 85/013](#), [A01K 85/019](#), [A01K 85/026](#), [A01K 85/027](#), [A01K 85/028](#), [A01K 85/029](#), [A01K 85/1803](#), [A01K 85/1807](#), [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), [A01K 85/1827](#), [A01K 85/1831](#), [A01K 85/1833](#), [A01K 85/1837](#), [A01K 85/1841](#), [A01K 85/1843](#), [A01K 85/1847](#), [A01K 85/1851](#), [A01K 85/1853](#), [A01K 85/1857](#), [A01K 85/1861](#), [A01K 85/1863](#), [A01K 85/1867](#), [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), [A01K 85/1891](#), [A01K 85/1893](#), and [A01K 85/1897](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1803 . {with a diving vane or lip}

WARNING

Group [A01K 85/1803](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1807 . {with an automatically movable directing vane}

WARNING

Group [A01K 85/1807](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1811 . {flexible or with flexible appendages, e.g., worms}

WARNING

Groups [A01K 85/1811](#), [A01K 85/1813](#), [A01K 85/1817](#), [A01K 85/1821](#), [A01K 85/1823](#), and [A01K 85/1827](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1813 . . {Bodies with plural side-attached flexible appendages}

- 85/1817 . . . {for simulating wings}

- 85/1821 . . {Bodies with trailing flexible appendages}

- 85/1823 . . . {detachable}

- 85/1827 . . . {Two rearwardly directed appendages, e.g. for simulating frogs}

- 85/1831 . {mounted on hooks}

WARNING

Groups [A01K 85/1831](#) and [A01K 85/1833](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1833 . . {Jig head lures}

- 85/1837 . {weighted}

WARNING

Group [A01K 85/1837](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1841 . {with adjustable direction or buoyancy control}

WARNING

Groups [A01K 85/1841](#) and [A01K 85/1843](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1843 . . {Selective or shiftable lure to line connections}
85/1847 . {Hollow bodies}

WARNING

Group [A01K 85/1847](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1851 . {with hook and line connections extending through or along the body}

WARNING

Group [A01K 85/1851](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1853 . {Lure slidable on line}

WARNING

Group [A01K 85/1853](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1857 . {with a hook to line connection interlocked by the lure}

WARNING

Group [A01K 85/1857](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1861 . {shiftable on strike}

WARNING

Group [A01K 85/1861](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1863 . {with biasing mechanism generating specific lure motion during line tension}

WARNING

Group [A01K 85/1863](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1867 . {characterised by the line attachments}

WARNING

Group [A01K 85/1867](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1871 . {with two or more lures or movably connected rigid lure members}
- 85/1873 . . {with at least one member located within the other in a rotatable arrangement}
- 85/1877 . . {with two or more movable members arranged offset, e.g. at sides of the body}
- 85/1881 . . {movably connected in series}
- 85/1883 . . . {with one member rotating}
- 85/1887 {sheet material preceding and rotating}
- 85/1891 . . . {Lure members made of sheet material}
- 85/1893 . {Motor-operated artificial bait}

WARNING

Groups [A01K 85/1871](#), [A01K 85/1873](#), [A01K 85/1877](#), [A01K 85/1881](#), [A01K 85/1883](#), [A01K 85/1887](#), and [A01K 85/1891](#) are incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

WARNING

Group [A01K 85/1893](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 85/1897 . {Lures characterised by the manufacturing process}

WARNING

Group [A01K 85/1897](#) is incomplete pending reclassification of documents from groups [A01K 85/00](#), [A01K 85/005](#), [A01K 85/01](#), [A01K 85/02](#), [A01K 85/08](#), [A01K 85/10](#), [A01K 85/12](#), [A01K 85/14](#), [A01K 85/16](#), and [A01K 85/18](#).

All groups listed in this Warning should be considered in order to perform a complete search.

87/00 Fishing rods

WARNING

Group [A01K 87/00](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).

Groups [A01K 87/00](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- 87/002 . {with the line passing through the hollow rod}

WARNING

Group [A01K 87/002](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).

Groups [A01K 87/002](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- 87/005 . . {comprising internal line guides}

WARNING

Group [A01K 87/005](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).

Groups [A01K 87/005](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- 87/007 . {with built-in accessories, e.g. lighting means or measuring devices}

- 87/008 . {with attached auxiliary devices, e.g. for keeping the rod afloat or for line cutting}

WARNING

Group [A01K 87/008](#) is incomplete pending reclassification of documents from groups [A01K 87/00](#), [A01K 87/002](#), [A01K 87/005](#), [A01K 87/02](#), [A01K 87/025](#), [A01K 87/04](#), [A01K 87/06](#), [A01K 87/08](#), and [A01K 87/085](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 87/009 . . {Hook or tackle holders}

WARNING

Group [A01K 87/009](#) is incomplete pending reclassification of documents from groups [A01K 87/00](#), [A01K 87/002](#), [A01K 87/005](#), [A01K 87/02](#), [A01K 87/025](#), [A01K 87/04](#), [A01K 87/06](#), [A01K 87/08](#), [A01K 87/085](#), and [A01K 97/06](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 87/02 . Connecting devices for parts of the rods

WARNING

Group [A01K 87/02](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).

Groups [A01K 87/02](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.

- 87/025 . . {telescopic}
 - WARNING**
 - Group [A01K 87/025](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
 - Groups [A01K 87/025](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- 87/04 . Fishing-line guides on rods {, e.g. tips (internal line guides [A01K 87/005](#))}
 - WARNING**
 - Group [A01K 87/04](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
 - Groups [A01K 87/04](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- 87/06 . Devices for fixing reels on rods
 - WARNING**
 - Group [A01K 87/06](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
 - Groups [A01K 87/06](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- 87/08 . Handgrips
 - WARNING**
 - Group [A01K 87/08](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
 - Groups [A01K 87/08](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- 87/085 . . {Heating devices or other means to protect against the cold}
 - WARNING**
 - Group [A01K 87/085](#) is impacted by reclassification into groups [A01K 87/008](#) and [A01K 87/009](#).
 - Groups [A01K 87/085](#), [A01K 87/008](#), and [A01K 87/009](#) should be considered in order to perform a complete search.
- 89/00 Reels**
- 89/003 . {Devices for transferring line to a reel}
- 89/004 . {Alternate right or left side drives}
- 89/006 . {Hand crank features}
- 89/009 . . {Collapsible or extensible}
- 89/01 . with pick-up, i.e. with the guiding member rotating and the spool not rotating during normal retrieval of the line ([A01K 89/027](#) takes precedence)
- 89/0102 . . {with a closed face}
- 89/01025 . . . {with line snubber shifted by a remote actuator}
- 89/01026 {with rotor and snubber shiftable axially}
- 89/01029 {with guiding members shifted radially}
- 89/0105 . . {Multi-speed mechanisms}
- 89/0106 . . {Ratchet-type drives}
- 89/0108 . . {Pick-up details}
- 89/01081 {Guiding members on rotor axially rearward of spool}
- 89/01082 {Guiding members shiftable on rotor}
- 89/01083 {to wind position by rotor drive}
- 89/01084 {Guiding members shifted to unwind position by discrete manual operators}
- 89/01085 {Guiding members on rotor forward of spool ([A01K 89/0102](#) takes precedence)}
- 89/01086 {with rotor drive shifting the guiding member to unwind and wind positions}
- 89/01087 {with manual actuator to shift guiding member to unwind position}
- 89/01088 {Actuators forward of spool}
- 89/0111 . . {Spool details}
- 89/01121 . . {Frame details}
- 89/011221 . . . {with line or water shields}
- 89/011222 . . . {with lubrication features}
- 89/011223 . . . {with bearing features}
- 89/01123 . . . {Frame disassembly features}
- 89/01124 {Hinged frame sections}
- 89/01125 {Rotated joints}
- 89/01126 {Threaded}
- 89/01127 . . . {Reel supports}
- 89/0113 . . {Spool locking devices on spool shaft}
- 89/0114 . . {Reciprocating mechanisms}
- 89/01141 . . . {including eccentric cams reciprocating the spool}
- 89/01142 . . . {for reciprocating the guiding member}
- 89/01143 {Reversely threaded screws}
- 89/0117 . . {Anti-reverse mechanisms}
- 89/0118 . . . {defining home position of reel part}
- 89/012 . . motor-driven
- 89/0121 . . . {Spring motors}
- 89/0122 . . {with unwinding indicators, e.g. bell or flashing light}
- 89/0123 . . . {Clicking indicators, e.g. flexible pawl and toothed member}
- 89/0124 . . . {Spring biased pawls}
- 89/0125 {Plural spring sections}
- 89/0126 . . {with line unwinding limiters}
- 89/015 . with {a} rotary drum {, i.e. with a rotating spool} ([A01K 89/033](#) takes precedence)
- 89/0155 . . Antibacklash devices
- 89/01555 . . . {using magnets}
- 89/01556 . . . {Line tension responsive actuators}
- 89/01557 . . . {Centrifugal}
- 89/016 . . Fly reels {, i.e. with a stub shaft support}
- 89/0162 . . . {with a releasable latch to retain spool on shaft}
- 89/0165 . . for trolling
- 89/017 . . motor-driven
- 89/0171 . . . {Spring motors}
- 89/0172 {actuated in response to pull on line}
- 89/0173 {with independent manual drive}
- 89/0174 {with spring chargers}
- 89/0175 . . {Axial unwinding}
- 89/0176 . . . {with guide shiftable between wind and unwind positions}
- 89/0178 . . {with unwinding indicators, e.g. a bell or a flashing light}

- 89/0179 . . . {Clicking indicators, e.g. flexible pawl and toothed member}
- 89/018 . . . {Spring biased pawls}
- 89/0181 {Plural spring sections}
- 89/0182 . . {with line unwinding limiters}
- 89/0183 . . {Drive mechanism details}
- 89/0184 . . . {Multiple drive ratio}
- 89/0185 . . . {Ratchet-type drive}
- 89/0186 . . . {with disengageable positive drive components, e.g. a clutch}
- 89/0187 {having alternative yieldable mechanism}
- 89/0188 {Axially engaged}
- 89/0189 {Coaxial of spool}
- 89/01901 {Reengageable responsive to drive rotation}
- 89/01902 {Gear pair}
- 89/01903 . . . {with yieldable drive coupling, e.g. friction or fluid clutch}
- 89/01904 {adjustable by crank manipulation}
- 89/01905 {adjustable within distinct ranges}
- 89/01906 {between drive shaft and crank}
- 89/01907 {between drive shaft and gear}
- 89/01908 {Coaxial with spool}
- 89/01909 {Axially applied}
- 89/0191 {by centre pin}
- 89/01911 . . . {with feed roller}
- 89/01912 . . . {with level winding}
- 89/019125 {Line shifts along a rotatable cam bar}
- 89/01913 {Line traction guide wheels}
- 89/01914 {Manually shifted guides}
- 89/01915 {the drive mechanism oscillating the guide}
- 89/01916 {the drive mechanism reciprocating the guide}
- 89/01917 {Reversely threaded screw}
- 89/01918 {Guide shiftable between wind and unwind positions}
- 89/01919 {Guide having line removal opening}
- 89/0192 . . . {Frame details}
- 89/01921 . . . {Frame disassembly features}
- 89/01922 {Hinged frame sections}
- 89/01923 {Rotated joints}
- 89/01924 {Threaded}
- 89/01925 . . . {Reel supports, e.g. reel feet}
- 89/01928 . . . {with line or water shields}
- 89/01929 . . . {with lubrication features}
- 89/0193 . . . {with bearing features}
- 89/01931 . . . {Spool or spool shaft details (spool details in reel with pick-up [A01K 89/0111](#))}
- 89/02 . . Brake devices for reels
- 89/027 . . with pick-up {, i.e. for reels with the guiding member rotating and the spool not rotating during normal retrieval of the line}
- 89/0275 . . . {with closed face}
- 89/028 . . . {Continuously applied (for closed face reels [A01K 89/0275](#))}
- 89/029 {between spool shaft and frame}
- 89/03 {between spool and spool shaft}
- 89/033 . . with {a} rotary drum {, i.e. for reels with a rotating spool (antibacklash devices [A01K 89/0155](#))}
- 89/045 . . . {Spool bearing brake}
- 89/046 . . . {Manual pressure control}
- 89/047 {Radially applied}
- 89/048 {Rolling contact}
- 89/049 {Separable attachments}
- 89/05 . . . {Brakes connected to the spool by one-way clutch}
- 89/051 . . . {Adjustable pressure pawls, e.g. braking clickers}
- 89/052 {Positive}
- 89/053 {One-way}
- 89/054 {with disabler}
- 89/055 {Rotation responsive}
- 89/056 . . . {Radially engaged}
- 89/057 . . . {Axially engaged}
- 89/058 {Coaxial with spool}
- 89/059 {on adjustable lever}
- 89/06 . . Reversible reels {, i.e. with spool axis shiftable between winding and unwinding positions}
- 89/08 . . Pole-less fishing apparatus, i.e. hand-held reels
- 89/081 . . {Axial unwinding}
- 91/00** **Lines**
- 91/02 . . Devices for casting lines
- 91/03 . . Connecting devices ([devices for fixing on or removing sinkers from lines A01K 95/02](#))
- 91/04 . . for connecting lines to hooks or lures
- 91/047 . . for connecting lines to lines
- 91/053 . . Fishing booms, i.e. connecting devices spreading out the leaders, e.g. to avoid tangling thereof
- 91/06 . . Apparatus on lines not otherwise provided for, e.g. automatic hookers
- 91/065 . . {Jiggling devices, i.e. devices for moving the lure}
- 91/08 . . Trolling devices
- 91/10 . . for automatic hook setting
- 91/12 . . Fly lines
- 91/14 . . Leaders
- 91/16 . . for fly fishing
- 91/18 . . Trotlines, longlines; Accessories therefor, e.g. baiting devices, lifters or setting reelers
- 91/20 . . Line length or depth measuring devices
- 93/00** **Floats for angling, with or without signalling devices**
- 93/02 . . with signalling devices
- 95/00** **Sinkers for angling (for trawling [A01K 75/06](#))**
- 95/005 . . {Sinkers not containing lead}
- 95/02 . . Devices for fixing on or removing sinkers from lines
- 97/00** **Accessories for angling (fish stringers [A01K 65/00](#); landing-nets or landing-spoons for fishing [A01K 77/00](#))**
- 97/01 . . for ice-fishing {; Ice drilling, hook-setting or signalling devices}
- 97/02 . . Devices for laying ground-bait, e.g. chum dispensers {, e.g. also for throwing ground-bait}
- 97/04 . . Containers for bait; Preparation of bait
- 97/045 . . . {Preparation of bait; Ingredients}
- 97/05 . . Containers for live bait kept in water, e.g. for minnows or shrimps

- 97/06 . Containers or holders for hooks, lines, sinkers, flies or the like [{\(attached to a fishing rod A01K 87/009\)}](#)
- WARNING**
- Group [A01K 97/06](#) is impacted by reclassification into group [A01K 87/009](#).
- Groups [A01K 97/06](#) and [A01K 87/009](#) should be considered in order to perform a complete search.
- 97/08 . Containers for rods
- 97/10 . Supports for rods
- 97/11 . . with automatic hooking devices
- 97/12 . Signalling devices, e.g. tip-up devices [\(A01K 91/06 takes precedence ; for floats A01K 93/02; for ice-fishing A01K 97/01; for supports A01K 97/10\)](#)
- 97/125 . . [{using electronic components}](#)
- 97/14 . Gaffs
- 97/16 . Devices for drying fishing lines
- 97/18 . for removing fish-hooks from the fish
- 97/20 . Keepnets or other containers for keeping captured fish [\(A01K 97/05 takes precedence\)](#)
- 97/22 . Platforms or seat-boxes specially adapted for angling, e.g. tackle boxes for use as seats
- 97/24 . Arrangements for disengaging fish-hooks from obstacles
- 97/26 . Fly tying devices
- 97/28 . . Vices specially adapted therefor
- 99/00 Methods or apparatus for fishing not provided for in groups [A01K 69/00](#) - [A01K 97/00](#)**

2207/00 Modified animals

- 2207/05 . Animals modified by non-integrating nucleic acids, e.g. antisense, RNAi, morpholino, episomal vector, for non-therapeutic purpose
- 2207/10 . Animals modified by protein administration, for non-therapeutic purpose
- 2207/12 . Animals modified by administration of exogenous cells
- 2207/15 . Humanized animals

NOTE

This group [covers](#) animals comprising human nucleic acids, proteins or cells. Classification in this group should be done in combination with [A01K 2217/00](#) codes.

- 2207/20 . Animals treated with compounds which are neither proteins nor nucleic acids
- 2207/25 . Animals on a special diet
- 2207/30 . Animals modified by surgical methods
- 2207/35 . Animals modified by environmental factors, e.g. temperature, O₂

2217/00 Genetically modified animals

- 2217/03 . Animals modified by random mutagenesis, e.g. using ENU, chemicals
- 2217/05 . Animals comprising random inserted nucleic acids (transgenic)
- 2217/052 . . inducing gain of function
- 2217/054 . . inducing loss of function

- 2217/056 . . . due to mutation of coding region of the transgene (dominant negative)
- 2217/058 . . . due to expression of inhibitory nucleic acid, e.g. siRNA, antisense
- 2217/07 . Animals genetically altered by homologous recombination
- 2217/072 . . maintaining or altering function, i.e. knock in
- 2217/075 . . inducing loss of function, i.e. knock out
- 2217/077 . . . heterozygous knock out animals displaying phenotype
- 2217/15 . Animals comprising multiple alterations of the genome, by transgenesis or homologous recombination, e.g. obtained by cross-breeding
- 2217/20 . Animal model comprising regulated expression system
- 2217/203 . . Animal model comprising inducible/conditional expression system, e.g. hormones, tet
- 2217/206 . . Animal model comprising tissue-specific expression system, e.g. tissue specific expression of transgene, of Cre recombinase
- 2217/30 . Animal model comprising expression system for selective cell killing, e.g. toxins, enzyme dependent prodrug therapy using ganciclovir

2227/00 Animals characterised by species

- 2227/10 . Mammal
- 2227/101 . . Bovine
- 2227/102 . . Caprine
- 2227/103 . . Ovine
- 2227/105 . . Murine
- 2227/106 . . Primate
- 2227/107 . . Rabbit
- 2227/108 . . Swine
- 2227/30 . Bird
- 2227/40 . Fish
- 2227/50 . Amphibians, e.g. Xenopus
- 2227/70 . Invertebrates
- 2227/703 . . Worms, e.g. Caenorhabditis elegans
- 2227/706 . . Insects, e.g. Drosophila melanogaster, medfly

2267/00 Animals characterised by purpose

- 2267/01 . Animal expressing industrially exogenous proteins
- 2267/02 . Animal zootechnically ameliorated
- 2267/025 . . Animal producing cells or organs for transplantation
- 2267/03 . Animal model, e.g. for test or diseases
- 2267/0306 . . Animal model for genetic diseases
- 2267/0312 . . . Animal model for Alzheimer's disease
- 2267/0318 . . . Animal model for neurodegenerative disease, e.g. non- Alzheimer's
- 2267/0325 . . . Animal model for autoimmune diseases
- 2267/0331 . . Animal model for proliferative diseases
- 2267/0337 . . Animal models for infectious diseases
- 2267/0343 . . . Animal model for prion disease
- 2267/035 . . Animal model for multifactorial diseases
- 2267/0356 . . . Animal model for processes and diseases of the central nervous system, e.g. stress, learning, schizophrenia, pain, epilepsy
- 2267/0362 . . . Animal model for lipid/glucose metabolism, e.g. obesity, type-2 diabetes
- 2267/0368 . . . Animal model for inflammation
- 2267/0375 . . . Animal model for cardiovascular diseases
- 2267/0381 . . . Animal model for diseases of the hematopoietic system

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- 2267/0387 . . . Animal model for diseases of the immune system
- 2267/0393 . . . Animal model comprising a reporter system for screening tests