### CPC COOPERATIVE PATENT CLASSIFICATION

**A** HUMAN NECESSITIES

**AGRICULTURE**

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

**A01K** ANIMAL HUSBANDRY; CARE OF BIRDS, FISHES, INSECTS; 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 (devices in connection with harnesses B68B)**

1/00 **Housing animals; Equipment therefor**

1/0005 .  {Stable partitions (devices for fastening animals **A01K 1/006**; pasturing enclosures **A01K 3/000**)}

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 (for poultry cages A01K 31/007)}
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 pigslet}
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}
Animal husbandry in general, especially cattle-raising

A01K
Animal husbandry in general, especially cattle-raising

11/006 . {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)}

11/007 . . {Boluses}

11/008 . . {incorporating GPS}

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

13/001 . {Washing, cleaning, or drying devices (for veterinary purposes A61D 7/00; A61D 11/00)}

13/002 . {Curry-combs; Shearing sheep chemically (shearing sheep B26B 19/24)}

13/003 . {Devices for applying insecticides or medication (A01K 27/007 takes precedence; for veterinary purposes A61D 7/000)}

13/004 . {Rubbing-posts}

13/005 . {Tail-holders}

13/006 . {Protective coverings (Elastic soles or covers for hoofs A01L 5/00, A01L 7/02; for veterinary purposes A61D)}

13/007 . . {Leg, hoof or foot protectors}

13/008 . . {Horse blankets}

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)

15/00 Devices for taming animals, e.g. nose-rings or hobbles; Devices for overturning animals in general; Training or exercising equipment; Covering boxes

15/003 . {Nose-rings; Fastening tools therefor; Catching or driving equipment}

15/006 . {Devices for impeding passage of animals under fences, preventing butting or the like}

15/02 . 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, e.g. for pets)

15/021 . . {Electronic training devices specially adapted for dogs or cats}

15/022 . . . {Anti-barking devices}

15/023 . . . {Anti-evasion devices}

15/024 . . . {Scratching devices, e.g. for cats}

15/025 . . . {Toys, e.g. for chewing}

15/026 . . . . {Chewable toys, e.g. for dental care of pets}

15/027 . . . {Exercising equipment, e.g. tread mills, carousels (equipment for racing or riding sports events A63K)}

15/028 . . . {Cow trainers}

15/029 . . . {Electric or similar shock devices, e.g. prods (circuits therefor H03K 3/537)}

15/04 . 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)]

17/00 Dehorner.; Horn trainers

19/00 Weaning apparatus

21/00 Devices for assisting or preventing mating

23/00 Manure or urine pouches (picking up dog excrement from the ground E01H 1/1206)

23/005 . . {Manure or urine collecting devices used independently from the animal, i.e. not worn by the animal but operated by a person}

25/00 Muzzles

27/00 Leads or collars, e.g. for dogs

27/001 . . {Collars}

27/002 . . {Harnesses}

27/003 . . . {Leads, leashes}

27/004 . . . {Retractable leashes}

27/005 . . {Quick-couplings, safety-couplings or shock-absorbing devices between leash and collar}

27/006 . . {with light-emitting or ornamental devices}

27/007 . . {with insecticide-dispensing means}

27/008 . . {with pockets or similar for carrying accessories}

27/009 . . . . {with electric-shock, sound, magnetic- or radio-waves emitting devices}

29/00 Other apparatus for animal husbandry (detecting birth of animals A61D 17/000)

29/005 . . {Monitoring or measuring activity, e.g. detecting heat or mating}

Aviculture: Testing, cleaning, stamping or grading eggs

31/00 Housing birds

31/002 . . . {Poultry cages, e.g. transport boxes (poultry transport A01K 45/005)}

31/005 . . . {Battery breeding cages, with or without auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation}

31/007 . . . {Floors (for stables A01K 1/015)}

31/02 . . . . {Door appliances; Automatic door-openers}

31/04 . . . . {Dropping-boards; Devices for removing excrement}

31/06 . . . . . . {Cages; e.g. for singing birds (for poultry A01K 31/002)}

31/07 . . . . . . . {Transportable cages (A01K 31/08 takes precedence); Travelling cages for pigeons; Opening or closing of cages}

31/08 . . . . . {Collapsible cages}

31/10 . . . . . . {Doors; Trap-doors (for laying-nests A01K 31/16)}

31/12 . . . . . . {Perches (for poultry or birds, e.g. roosts)

31/14 . . . . . . . {Nest-boxes, e.g. for singing birds or the like}

31/16 . . . . . . . . {Laying-nests for poultry; Egg collecting (nest floors A01K 31/007)}

31/165 . . . . . . {Egg collecting or counting}

31/17 . . . . . . . . . . {Laying batteries (including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation)

31/18 . . . . . . . . . . . . . {Chicken coops or houses (for baby chicks)}

31/19 . . . . . . . . . . . . . . {Brooders (including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation (battery breeding cages A01K 31/005)}

31/20 . . . . . . . . . . . . . . . . . . {Heating arrangements (Ventilation)

31/22 . . . . . . . . . . . . . . . . . . . . . . . . {Poultry runs; Poultry houses, including auxiliary features, e.g. feeding, watering, demanuring (air-conditioning of poultry runs or houses A01K 1/0047}

31/24 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . {Dovecots; Pigeon lofts
Aviculture; Testing, cleaning, stamping or grading eggs

47/00  Beehives
- Construction or arrangement of frames for honeycombs
- Artificial honeycombs
- Other details of beehives, e.g. ventilating devices, entrances to hives, guards, partitions or bee escapes

Apiculture (rearing insects in general A01K 67/00)

39/00  Feeding or drinking appliances for poultry or other birds ([A01K 31/005, A01K 31/06, A01K 31/17 take precedence])
- Feeding devices, e.g. chainfeeders ([A01K 39/04 takes precedence]; [panfeeding systems, feeding pans A01K 39/0125])
- (for solid feed, e.g. grit-cake holders (licking-stone holders for stock or game A01K 5/015))
- (with means to prevent other animals or insects, e.g. squirrels or ants, from eating also)
- filling automatically, e.g. by gravity from a reserve)
- [Panfeeding systems; Feeding pans therefor]
- Feed troughs; Feed throwers
- Drinking appliances ([A01K 39/04 takes precedence])
- [Drinkers especially adapted for feeding hummingbirds]
- (Nipple drinkers)
- with weight-controlled supply
- with float-controlled supply
- kept filled to constant level from incorporated storage
- Combined feeding and drinking appliances, e.g. for batteries
- Cramming appliances, e.g. helical force-feeders

41/00  Incubators for poultry
- Heating arrangements
- (Devices for regulating temperature)
- (Heating with water)
- Controlling humidity in incubators
- Egg-turning appliances for incubators
- [Egg drawers]

43/00  Testing, sorting or cleaning eggs (investigating or analysing eggs, e.g. by candling G01N 33/08); [Conveying devices (for batteries A01K 31/163); Pick-up devices]
- [Cleaning, washing of eggs]
- Grading eggs
- according to size
- according to weight
- Grading and stamping

45/00  Other aviculture appliances, e.g. devices for determining whether a bird is about to lay
- [Bird baths or showers]
- [Harvesting or transport of poultry]
- [Injecting or otherwise treating hatching eggs]

49/00  Rearing-boxes; Queen transporting or introducing cages

51/00  Appliances for treating bee-hives or parts thereof, e.g. for cleaning or disinfecting

53/00  Feeding or drinking appliances for bees

55/00  Bee-smokers; Bee-keepers’ accessories, e.g. veils

57/00  Appliances for providing, preventing or catching swarms; Drone-catching devices

59/00  Honey collection
- Devices for uncapping honeycombs
- Honey strainers; [Strainers with centrifuges or presses]
- Devices for extracting wax

Pisciculture; Aquaria; Terraria

61/00  Culture of aquatic animals (receptacles for live fish, e.g. aquaria, A01K 63/00)
- of fish
- Prevention or treatment of fish diseases
- Hatching, e.g. incubators
- of zooplankton, e.g. water fleas or Rotatoria
- of sponges, sea urchins or sea cucumbers
- of annelids, e.g. lugworms or Eunice
- of shellfish (A01K 61/30, A01K 61/40 take precedence)
- of gastropods, e.g. abalone or turban snails
- Baskets therefor
- of bivalves, e.g. oysters or mussels
- Baskets therefor
- for pearl production
- Pearl seeds
- of crustaceans, e.g. lobsters or shrimps
- Floating cultivation devices, e.g. rafts or floating fish-farms
- Connecting or mooring devices therefor
- Artificial fishing banks or reefs
- made of tyres
- assembled of components (A01K 61/72 takes precedence)
- floating (A01K 61/72 takes precedence)
- of monolithic form, e.g. blocks
- Arrangements for sinking or mooring thereof
- Feeding devices
- for use with aquaria
- Sorting, grading, counting or marking live aquatic animals, e.g. sex determination
- specially adapted for fish

63/00  Receptacles for live fish, e.g. aquaria (keepnets or other containers for keeping captured fish A01K 97/20); Terraria
- [Aquaria; Terraria (A01K 63/04, A01K 63/06 take precedence)]
- [Accessories for aquaria or terraria]
- Receptacles specially adapted for transporting live fish
- Arrangements for treating water specially adapted to receptacles for live fish
- [Introducing gases into the water, e.g. aerators, air pumps]
Pisciculture; Aquaria; Terraria

67/00

Rearing or breeding animals, not otherwise provided for; New 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
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. In group A01K 67/027 it is desirable to add the indexing codes of A01K 2267/00 and subgroups relating to animals characterised by their purpose.

67/027

New breeds of vertebrates

NOTE
In group A01K 67/027, 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.

67/033

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

67/04
Silkworms (A01K 67/0333 takes precedence)

Fish stringers (A01K 65/00)

69/00
Stationary catching devices

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

73/05
Regulation of net depth

73/06
Devices for spreading or positioning, e.g. control thereof

73/08
for lateral sheering, e.g. trawl boards

73/09
for vertical sheering

73/053
Ground-line rollers

73/06
Hauling devices for the headlines, also for nets; Winches (A01K 73/12 takes precedence)

73/10
Determining the quantity of the catch, e.g. by the pull or drag on the lines

73/12
Nets held vertically in the water, e.g. seines

74/00
Other catching nets or the like

75/00
Accessories for nets; Details of nets, e.g. structure

75/02
Illuminating devices for nets

75/04
Floats

75/06
Sinkers

77/00
Landing-nets; Landing-spoons

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, Attracting or stunning fish; Scaring sharks

80/00
Harvesting oysters, mussels, sponges or the like

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 ([making fish-hooks B21F 45/12])

83/02
Expanding fish-hook assembly

83/04
with special gripping arms

83/06
Devices for holding bait on hooks ([baiting trotlines A01K 91/18; non-living bait A01K 97/045])

85/00
Artificial baits, i.e. Lures

85/05
[without hooks]

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

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

85/08
Artificial flies
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]
85/12 . . . comprising a body rotating around its longitudinal axis, e.g. devons
85/14 . . . with flat, or substantially flat, undulating bodies, e.g. spoons
85/16 . . . with other than flat, or substantially flat, undulating bodies, e.g. plugs
85/18 . . . in two or more pieces

87/00 Rods

87/002 . . . [with the line passing through the hollow rod]
87/005 . . . [comprising internal line guides]
87/007 . . . [with built-in accessories, e.g. lighting means or measuring devices]
87/02 . . . Connecting devices for parts of the rods
87/025 . . . [telescopic]
87/04 . . . Fishing-line guides on rods (, e.g. tips [internal line guides A01K 87/005])
87/06 . . . Devices for fixing reels on rods
87/08 . . . Handgrips
87/085 . . . [Heating devices or other means to protect against the cold]

89/00 Reels (devices for casting lines A01K 91/02)
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 snuber shifted by a remote actuator]
89/01026 . . . . . . . . [with rotor and snuber 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]

A01K
Angling

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 . (Jigging 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 reels
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) {; fish finder G01S 15/96}
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
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

CPC - 2020.01

2207/00  Modified animals
2207/05  . Animals modified by non-integrating nucleic acids, e.g. antisense, RNAi, morpholino, episomal vector, for non-therapeutic purpose
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>2207/10</td>
<td>Animals modified by protein administration, for non-therapeutic purpose</td>
</tr>
<tr>
<td>2207/12</td>
<td>Animals modified by administration of exogenous cells</td>
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<tr>
<td>2207/15</td>
<td>Humanized animals</td>
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<td></td>
<td><strong>NOTE</strong></td>
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<tr>
<td></td>
<td>This group covers animals comprising human nucleic acids, proteins or cells. Classification in</td>
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<td></td>
<td>this group should be done in combination with A01K 2217/00 codes.</td>
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<tr>
<td>2207/20</td>
<td>Animals treated with compounds which are neither proteins nor nucleic acids</td>
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<td>2207/25</td>
<td>Animals on a special diet</td>
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<td>2207/30</td>
<td>Animals modified by surgical methods</td>
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<td>2207/35</td>
<td>Animals modified by environmental factors, e.g. temperature, O₂</td>
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<td>2217/00</td>
<td>Genetically modified animals</td>
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<tr>
<td>2217/03</td>
<td>Animals modified by random mutagenesis, e.g. using ENU, chemicals</td>
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<tr>
<td>2217/05</td>
<td>Animals comprising random inserted nucleic acids (transgenic)</td>
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<tr>
<td>2217/052</td>
<td>. . . inducing gain of function</td>
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<tr>
<td>2217/054</td>
<td>. . . inducing loss of function</td>
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<tr>
<td>2217/056</td>
<td>. . . due to mutation of coding region of the transgene (dominant negative)</td>
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<tr>
<td>2217/058</td>
<td>. . . due to expression of inhibitory nucleic acid, e.g. siRNA, antisense</td>
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<tr>
<td>2217/07</td>
<td>Animals genetically altered by homologous recombination</td>
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<tr>
<td>2217/072</td>
<td>. . . maintaining or altering function, i.e. knock in</td>
</tr>
<tr>
<td>2217/075</td>
<td>. . . inducing loss of function, i.e. knock out</td>
</tr>
<tr>
<td>2217/077</td>
<td>. . . heterozygous knock out animals displaying phenotype</td>
</tr>
<tr>
<td>2217/15</td>
<td>Animals comprising multiple alterations of the genome, by transgenesis or homologous recombination,</td>
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<tr>
<td></td>
<td>e.g. obtained by cross-breeding</td>
</tr>
<tr>
<td>2217/20</td>
<td>Animal model comprising regulated expression system</td>
</tr>
<tr>
<td>2217/203</td>
<td>. . . Animal model comprising inducible/conditional expression system, e.g. hormones, tet</td>
</tr>
<tr>
<td>2217/206</td>
<td>. . . Animal model comprising tissue-specific expression system, e.g. tissue specific expression</td>
</tr>
<tr>
<td></td>
<td>of transgene, of Cre recombinase</td>
</tr>
<tr>
<td>2217/30</td>
<td>Animal model comprising expression system for selective cell killing, e.g. toxins, enzyme dependent</td>
</tr>
<tr>
<td></td>
<td>prodrug therapy using ganciclovir</td>
</tr>
<tr>
<td>2227/00</td>
<td>Animals characterised by purpose</td>
</tr>
<tr>
<td>2227/10</td>
<td>. . . Mammal</td>
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<tr>
<td>2227/101</td>
<td>. . . Bovine</td>
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<tr>
<td>2227/102</td>
<td>. . . Caprine</td>
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<tr>
<td>2227/103</td>
<td>. . . Ovine</td>
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<td>2227/105</td>
<td>. . . Murine</td>
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<td>2227/106</td>
<td>. . . Primate</td>
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<td>2227/107</td>
<td>. . . Rabbit</td>
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<tr>
<td>2227/108</td>
<td>. . . Swine</td>
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<tr>
<td>2227/30</td>
<td>. . . Bird</td>
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<tr>
<td>2227/40</td>
<td>. . . Fish</td>
</tr>
<tr>
<td>2227/50</td>
<td>. . . Amphibians, e.g. Xenopus</td>
</tr>
<tr>
<td>2227/70</td>
<td>. . . Invertebrates</td>
</tr>
<tr>
<td>2227/703</td>
<td>. . . Worms, e.g. Caenorhabditites elegans</td>
</tr>
</tbody>
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