

ECLA**EUROPEAN CLASSIFICATION****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.

Guide heading:

Animal husbandry in general, especially cattle-raising (devices in connection with harnesses B68B)

A01K1/00

Housing animals; Equipment therefor (building construction, features of buildings [E04](#); ventilating buildings [F24F](#))

- A01K1/00A . [N: Stable partitions (devices for fastening animals [A01K1/06](#); pasturing enclosures [A01K3/00](#))]
- A01K1/00A1 . . [N: Cubicle partitions] [N9702]
- A01K1/00A2 . . [N: Gates, doors] [N9702]
- A01K1/00A2A . . . [N: Sorting gates] [N9702]
- A01K1/00A2B . . . [N: Crowding gates or barriers] [N9702]
- A01K1/00B . [N: Transportable or mobile animal shelters] [N1203]
- A01K1/00C . [N: Rotary, round or circular animal barns] [N1203]
- A01K1/00D . [N: Air-conditioning, e.g. ventilation, of animal housings]
- A01K1/00D1 . . [N: Arrangement of fans or blowers]
- A01K1/00D2 . . [N: Construction of air inlets or outlets in roofs]
- A01K1/00D3 . . [N: Construction of air inlets or outlets in walls]
- A01K1/00D4 . . [N: Arrangement of curtain systems]
- A01K1/00D5 . . [N: Arrangement of heaters or heat exchangers]
- A01K1/00D6 . . [N: Water misting or cooling systems]
- A01K1/00E . [N: Animal shelters especially adapted for keeping young cattle, i.e. calves] [N1203]
- A01K1/00F . [N: Animal shelters or barns especially adapted for keeping horses] [N1203]
- A01K1/01 . Removal of dung or urine, [N: e.g. from stables] ([A01K1/015](#) takes precedence; [N: from poultry houses [A01K31/04](#)])

- A01K1/01A . . [N: of liquid manure (treating manure [A01C3/00](#); treatment of water, waste water, sewage or sludge [C02F](#))]
- A01K1/01B . . [N: Cat trays; Dog urinals; Toilets for pets]
- A01K1/01B1 . . . [N: with means for removing excrement ([A01K1/01B2](#) and [A01K1/01B3](#) take precedence)]
- A01K1/01B2 . . . [N: Litter boxes with screens for separating excrement from litter]
- A01K1/01B3 . . . [N: with conveying belts for removing excrement]
- A01K1/01B4 . . . [N: adapted to fit on conventional toilets]
- A01K1/01B5 . . . [N: Foldable or collapsible litter boxes] [N9711]
- A01K1/01C . . [N: by means of scrapers or the like moving continuously]
- A01K1/01D . . [N: by means of scrapers or the like moving to-and-fro or step-by-step]
- A01K1/01E . . [N: by means of conveyer belts]
- A01K1/01F . . [N: by means of screw conveyers]
- A01K1/01G . . [N: by means of a moving piston]
- A01K1/01H . . [N: by means of manure-loaders, manure-ramps or manure-elevators associated with in-house removal systems (independent manure-loaders [A01C3/04](#))]

- A01K1/015 . Floor coverings, e.g. bedding-down sheets; [N: Stable floors (for poultry cages [A01K31/00D2](#))]
- A01K1/015A . . [N: Grids; Gratings; Slatted floors] [N9602]
- A01K1/015B . . [N: Litter]
- A01K1/015B2 . . . [N: comprising inorganic material] [N9709]
- A01K1/015B4 . . . [N: comprising organic material] [N9709]
- A01K1/015C . . [N: Mats; Sheets] [N9602]
- A01K1/015D . . [N: Floor heating or cooling systems] [N9602]

- A01K1/02 . Pigsties; Dog-kennels; Rabbit-hutches or the like
- A01K1/02A . . [N: Feeding pens for pigs or cattle]
- A01K1/02B . . [N: Farrowing or weaning crates]
- A01K1/02C . . [N: Battery cages for piglets]
- A01K1/02D . . [N: Transport boxes, bags, cages, baskets, harnesses for animals; Fittings therefor (for poultry [A01K31/00D](#); for pigeons [A01K31/07](#))] [C1203]
- A01K1/02D1 . . . [N: Boxes or cages] [N1203]
- A01K1/02D2 . . . [N: Bags or baskets] [N1203]
- A01K1/02D3 . . . [N: Harnesses] [N1203]
- A01K1/02D4 . . . [N: Boxes, bags, cages, baskets, harnesses especially adapted for transport in or on automobiles] [N1203]
- A01K1/02D5 . . . [N: Boxes, bags, cages, baskets, harnesses especially adapted for transport in or on bicycles or motorcycles] [N1203]
- A01K1/02D6 . . . [N: Boxes, bags, cages, baskets, harnesses especially adapted for carrying the animal on the body of a person (baby carriers [A47D13/02](#))] [N1203]

- A01K1/03 . . Housing for domestic or laboratory animals
- A01K1/03A . . . [N: Cages for laboratory animals; Cages for measuring metabolism of animals]
- A01K1/03B . . . [N: Rabbit-hutches or cages]
- A01K1/03C . . . [N: Cat or dog houses]

- A01K1/03C1 [N: Dog-kennels]
- A01K1/035 . . Devices for use in keeping domestic animals, e.g. fittings in housings, dog beds
- A01K1/035B . . . [N: Dog beds] [C9809]
- A01K1/035C . . . [N: Feeding or drinking devices associated with cages (for poultry [A01K31/00D1](#), [A01K31/17](#), [A01K39/00](#); for birds [A01K31/06](#))]
- A01K1/04 . Tethering-poles or the like
- A01K1/06 . Devices for fastening animals, e.g. halters, toggles, neck-bars, chain fastenings
- A01K1/06D . . [N: by means of grids with or without movable locking bars ([A01K1/08](#) takes precedence)]
- A01K1/06F . . [N: Devices for immobilisation or restraint of animals, e.g. chutes (pens for animals while being shod [A01L13/00](#); appliances for supporting or fettering animals for operative purposes [A61D3/00](#))]
- A01K1/062 . . Neck-bars, [N: e.g. neck collars]
- A01K1/064 . . Chain fastenings
- A01K1/08 . Arrangements for simultaneously releasing several animals
- A01K1/10 . Feed racks, [N: e.g. associated with enclosures or troughs] (devices for impeding movement of animals [A01K15/04](#))
- A01K1/10A . . [N: Movable feed barriers, slides or fences] [N9610]
- A01K1/12 . Milking stations (devices for milking [A01J1/00](#) to [A01J9/00](#))
- A01K1/12A . . [N: Mobile milking parlours] [N9501]
- A01K1/12B . . [N: Carousels] [N9501]
- A01K3/00** **Pasturing equipment, e.g. tethering devices; [N: Guiding corridors; Corrals, e.g. portable, collapsible]; Grids for preventing cattle from straying; Electrified wire fencing (construction of fencing in general [E04H17/00](#); electric circuits for fences [H05C](#))**
- A01K3/00B . [N: Grids for preventing cattle from straying]
- A01K3/00C . [N: Electrified wire fencing (circuits [H05C](#))]
- A01K5/00** **Feeding devices for stock or game ([A01K1/10](#) takes precedence; for poultry [A01K39/00](#)) [N: Feeding wagons; Feeding stacks]**
- A01K5/00A . [N: Fodder distributors with mixer or shredder (adaptations of cutting machine [A01F29/00](#))] [N9906]
- A01K5/00A2 . . [N: with mixing or shredding element rotating on horizontal axis] [N9906]
- A01K5/00A4 . . [N: with mixing or shredding element rotating on vertical axis] [N9906]
- A01K5/00A6 . . [N: where fodder, e.g. bales, is conveyed by conveyor or slide to mixing or shredding elements on transversal and horizontal axes] [N9906]
- A01K5/00A8 . . [N: with mixing or shredding area contained inside an endless chain or belt conveyor] [N9906]
- A01K5/00D . [N: Feed bags (nose-bags for oats [B68B5/00](#))]

- A01K5/01 . Feed troughs; Feed pails [N: ([A01K1/10](#) takes precedence)]
- A01K5/01A . . [N: Transportable fodder pails or troughs] [N9906]
- A01K5/01B . . [N: Pet food dispensers; Pet food trays (time-controlled [A01K5/02H](#))]
- A01K5/01B1 . . . [N: Disposable pet feeders] [N1203]
- A01K5/01B2 . . . [N: Pet feeders with liners] [N1203]
- A01K5/01B3 . . . [N: with means for preventing or catching spillage] [N1203]
- A01K5/01B4 . . . [N: with means for preventing other animals or insects from eating] [N1203]
- A01K5/015 . Licking-stone holders (salt blocks [A23K1/16](#)); [N: Other dispensers for minerals]
- A01K5/02 . Automatic devices [N: (automatic identification devices for stock [A01K11/00C](#))]
- A01K5/02B . . [N: with conveyer belts or the like]
- A01K5/02C . . [N: for the distribution of liquid fodder ([A01K9/00](#) takes precedence)]
- A01K5/02D . . [N: Gravity replenishment from a reserve, e.g. a hopper (for poultry [A01K39/012](#))]
- A01K5/02D1 . . . [N: dispensing by dosing means actively operated by the animal]
- A01K5/02D2 . . . [N: dispensing by means of stirring mechanisms or agitators operated by the animal]
- A01K5/02D3 . . . [N: with access to feeding place or trough only possible through access doors or lids to be opened by the animal]
- A01K5/02E . . [N: with endless screws]
- A01K5/02F . . [N: with stable trolleys, e.g. suspended]
- A01K5/02G . . [N: with mechanisms for delivery of measured doses ([A01K5/02D1](#) takes precedence)]
- A01K5/02G1 . . . [N: by weight]
- A01K5/02H . . [N: with timing mechanisms, e.g. pet feeders]

A01K7/00 Watering equipment for stock or game

- A01K7/00B . [N: Drinking bowls with anti-splash or anti-spilling features] [N1203]
- A01K7/02 . Automatic devices, [N: e.g. actuated by weight of water; Medication dispensers] (construction of valves [F16K](#))
- A01K7/02D . . [N: Pumps actuated by the drinking animal]
- A01K7/02F . . [N: Water tanks] [C1203]
- A01K7/02G . . [N: Drinking equipment with water heaters, coolers or means for preventing freezing] [N1203]
- A01K7/04 . . actuated by float
- A01K7/06 . . actuated by the animal [N: through valve control (for poultry [A01K39/02F](#))]

A01K9/00 Sucking apparatus for young stock; [N: Devices for mixing solid food with liquids]

- A01K9/00B . [N: Teats or nipples (teats for feeding bottles for humans [A61J11/00](#))] [N9711]

A01K11/00 Marking of animals (of poultry [A01K35/00](#); [N: of fish [A01K61/00A](#)]; lead-sealing pliers [B25B](#))

- A01K11/00A . [N: Ear-tags]
- A01K11/00A1 . . [N: Pliers specially adapted for fixing ear-tags to ears]
- A01K11/00A2 . . [N: with means for taking tissue samples, e.g. for DNA analysis] [N0704]
- A01K11/00A3 . . [N: with electronic identification means, e.g. transponders] [N0704]
- A01K11/00B . [N: Branding or tattooing devices for animals]
- A01K11/00C . [N: Automatic identification systems for animals, e.g. electronic devices, transponders for animals (identification systems for access to feeding pens A01K1/02A; ear tags with electronic identification means A01K11/00A3)] [C0704]
- A01K11/00C1 . . [N: Boluses] [N9811]
- A01K11/00C2 . . [N: incorporating GPS] [N1203]
- A01K13/00** **Devices for grooming or caring of animals, e.g. curry-combs (scissors [B26B](#)); Fetlock rings (bandages, poultices [A61D](#)); Tail-holders (as part of the harness [B68B5/04](#)); Devices for preventing crib-biting; Washing devices (milking machine accessories for treatment of udders or teats [A01J7/04](#); for medical purposes [A61D11/00](#)); Protection against weather conditions or insects**
- A01K13/00B . [N: Washing, cleaning, or drying devices (for veterinary purposes [A61D7/00](#), [A61D11/00](#))] [C9602]
- A01K13/00C . [N: Curry-combs; Shearing sheep chemically (shearing sheep [B26B19/24](#))]
- A01K13/00D . [N: Devices for applying insecticides or medication ([A01K27/00D](#) takes precedence; for veterinary purposes [A61D](#))]
- A01K13/00F . [N: Rubbing-posts]
- A01K13/00G . [N: Tail-holders]
- A01K13/00H . [N: Protective coverings (shoeing of animals [A01L](#); for veterinary purposes [A61D](#))]
- A01K13/00H1 . . [N: Leg, hoof or foot protectors] [N9804]
- A01K13/00H2 . . [N: Horse blankets] [N9804]
- A01K14/00** **Removing the fleece from live sheep or similar animals (hand-held cutting tools [B26B](#))**
- A01K15/00** **Devices for taming animals, e.g. nose-rings, hobbles; Devices for overturning animals in general; Training equipment; Covering boxes ([N: animal holding devices [A01K1/06F](#)]; devices for veterinary purposes [A61D3/00](#))**
- A01K15/00B . [N: Nose-rings; Fastening tools therefor; Catching or driving equipment]
- A01K15/00F . [N: Devices for impeding passage of animals under fences, preventing butting or the like]
- A01K15/02 . Training or exercise equipment ([A01K15/04](#) takes precedence); [N: Electric shock devices (circuits therefor [H03K3/537](#)); Toys, e.g. for pets]

A01K15/02A	<ul style="list-style-type: none"> • [N: Electronic training devices specially adapted for dogs or cats] [N9709]
A01K15/02A1	<ul style="list-style-type: none"> • [N: Anti-barking devices] [N9709]
A01K15/02A2	<ul style="list-style-type: none"> • [N: Anti-evasion devices] [N9709]
A01K15/02B	<ul style="list-style-type: none"> • [N: Scratching devices, e.g. for cats]
A01K15/02C	<ul style="list-style-type: none"> • [N: Toys, e.g. for chewing]
A01K15/02C1	<ul style="list-style-type: none"> • [N: Chewable toys, e.g. for dental care of pets] [N0704]
A01K15/02D	<ul style="list-style-type: none"> • [N: Exercising equipment, e.g. tread mills, carousels (equipment for racing or riding sports events A63K)]
A01K15/02E	<ul style="list-style-type: none"> • [N: Cow trainers] [N9807]
A01K15/02F	<ul style="list-style-type: none"> • [N: Electric or similar shock devices, e.g. prods (circuits therefor H03K3/537) [N1203]
A01K15/04	<ul style="list-style-type: none"> • Devices for impeding movement; Devices for impeding passage through fencing, [N: e.g. hobbles or the like; Anti-kicking devices (impeding passage under fences A01K15/00F)]
A01K17/00	Dehorner; Horn trainers
A01K19/00	Weaning apparatus
A01K21/00	Devices for assisting or preventing mating (covering boxes A01K15/00)
A01K23/00	Manure or urine pouches [N: (picking up dog excrement from the ground E01H1/12B)]
A01K23/00B	<ul style="list-style-type: none"> • [N: Manure or urine collecting devices used independently from the animal, i.e. not worn by the animal but operated by a person] [N9602]
A01K25/00	Muzzles
A01K27/00	Leads or collars, e.g. for dogs (devices specially adapted or mounted for storing and repeatedly paying-out and re-storing lengths of material B65H75/34)
A01K27/00A	<ul style="list-style-type: none"> • [N: Collars] [C1203]
A01K27/00B	<ul style="list-style-type: none"> • [N: Harnesses] [C1203]
A01K27/00C	<ul style="list-style-type: none"> • [N: Leads, leashes] [C1203]
A01K27/00C1	<ul style="list-style-type: none"> • [N: Retractable leashes] [N1203]
A01K27/00D	<ul style="list-style-type: none"> • [N: Quick-couplings, safety-couplings or shock-absorbing devices between leash and collar] [C1203]
A01K27/00E	<ul style="list-style-type: none"> • [N: with light-emitting or ornamental devices] [C1203]
A01K27/00F	<ul style="list-style-type: none"> • [N: with insecticide-dispensing means] [N1203]
A01K27/00G	<ul style="list-style-type: none"> • [N: with pockets or similar for carrying accessories] [N1203]

A01K27/00H	. [N: with electric-shock, sound, magnetic- or radio-waves emitting devices] [N1203]
A01K29/00	Other apparatus for animal husbandry [N: (detecting birth of animals A61D17/00)]
A01K29/00B	. [N: Monitoring or measuring activity, e.g. detecting heat or mating] [N9709]
Guide heading:	<u>Aviculture; Testing, cleaning, stamping or grading eggs</u>
A01K31/00	Housing birds
A01K31/00D	. [N: Poultry cages, e.g. transport boxes (poultry transport A01K45/00B)]
A01K31/00D1	. . [N: Battery breeding cages, with or without auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation]
A01K31/00D2	. . [N: Floors (for stables A01K1/015)]
A01K31/02	. Door appliances; Automatic door-openers ([N: laying-nests A01K31/16]; counters for specific applications G07C9/00) [C9410]
A01K31/04	. Dropping-boards; Devices for removing excrement
A01K31/06	. Cages, [N: e.g. for singing birds (for poultry A01K31/00D)]
A01K31/07	. . Transportable cages (A01K31/08 takes precedence); [N: Travelling cages for pigeons; Opening or closing of cages] [C9410]
A01K31/08	. . Collapsible cages
A01K31/10	. Doors; Trap-doors [N: (for laying-nests A01K31/16)]
A01K31/12	. Perches [N: for poultry or birds, e.g. roosts]
A01K31/14	. Nest-boxes, [N: e.g. for singing birds or the like]
A01K31/16	. . Laying-nests for poultry; Egg collecting [N: (nest floors A01K31/00D2)]
A01K31/16B	. . . [N: Egg collecting or counting]
A01K31/17	. . . Laying batteries [N: including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation]
A01K31/18	. Chicken coops or houses [N: for baby chicks]; Brooders [N: including auxiliary features, e.g. feeding, watering, demanuring, heating, ventilation (battery breeding cages A01K31/00D1)]
A01K31/19	. . Brooders; [N: Foster-mothers; Hovers] [C9410]
A01K31/20	. . Heating arrangements; [N: Ventilation] [C9410]
A01K31/22	. Poultry runs; [N: Poultry houses, including auxiliary features, e.g. feeding, watering, demanuring (air-conditioning of poultry runs or houses A01K1/00D)] [C9410]
A01K31/24	. Dovecots; Pigeon lofts
A01K33/00	Nest-eggs

- A01K35/00** **Marking poultry or other birds** [N: (marking meat [A22C17/10](#))]
- A01K37/00** **Constraining birds, e.g. wing clamps**
- A01K39/00** **Feeding or drinking appliances for poultry or other birds** [N: ([A01K31/00D1](#), [A01K31/06](#), [A01K31/17](#) take precedence)]
- A01K39/01 . Feeding devices, [N: e.g. chainfeeders] ([A01K39/04](#) takes precedence; [N: panfeeding systems, feeding pans [A01K39/012A](#)])
- A01K39/01A . . [N: for solid feed, e.g. grit-cake holders (licking-stone holders for stock or game [A01K5/015](#))]
- A01K39/01C . . [N: with means to prevent other animals or insects, e.g. squirrels or ants, from eating also] [C9410]
- A01K39/012 . . filling automatically, [N: e.g. by gravity from a reserve]
- A01K39/012A . . . [N: Panfeeding systems; Feeding pans therefor]
- A01K39/014 . . Feed troughs; Feed throwers
- A01K39/02 . Drinking appliances ([A01K39/04](#) takes precedence; construction of valves [F16K](#))
- A01K39/02B . . [N: Drinkers especially adapted for feeding hummingbirds] [N1203]
- A01K39/02F . . [N: Nipple drinkers] [C9410]
- A01K39/022 . . with weight-controlled supply
- A01K39/024 . . with float-controlled supply
- A01K39/026 . . kept filled to constant level from incorporated storage
- A01K39/04 . Combined feeding and drinking appliances, [N: e.g. also for batteries]
- A01K39/06 . Cramming appliances, [N: e.g. helical force-feeders]
- A01K41/00** **Incubators for poultry**
- A01K41/02 . Heating arrangements
- A01K41/02B . . [N: Devices for regulating temperature] [N9502]
- A01K41/02C . . [N: Heating with water] [N9502]
- A01K41/04 . Controlling humidity in incubators
- A01K41/06 . Egg-turning appliances for incubators
- A01K41/06B . . [N: Egg drawers]
- A01K43/00** **Testing, sorting or cleaning eggs** (investigating or analysing eggs, e.g. by candling [G01N33/08](#); [N: Conveying devices (for batteries [A01K31/16B](#)); Pick-up devices] [C9410])
- A01K43/00B . [N: Cleaning, washing of eggs]
- A01K43/04 . Grading eggs

A01K43/06	. . according to size
A01K43/08	. . according to weight (sorting according to weight in general B07C5/16) [N9505]
A01K43/10	. . Grading and stamping
A01K45/00	Other aviculture appliances, e.g. devices for determining whether a bird is about to lay [C9811]
A01K45/00A	. [N: Bird baths or showers] [N9811]
A01K45/00B	. [N: Harvesting or transport of poultry]
A01K45/00C	. [N: Injecting or otherwise treating hatching eggs] [N9811]
Guide heading:	<u>Apiculture</u> [N: (rearing insects in general A01K67/00)]
A01K47/00	Beehives
A01K47/02	. Construction or arrangement of frames for honeycombs
A01K47/04	. Artificial honeycombs
A01K47/06	. Other details of beehives, e.g. ventilating devices, entrances to hives, guards, partitions, bee escapes
A01K49/00	Rearing-boxes; Queen transporting or introducing cages
A01K51/00	Appliances for treating beehives or parts thereof, e.g. for cleaning or disinfecting
A01K53/00	Feeding or drinking appliances for bees
A01K55/00	Bee-smokers; Bee-keepers` accessories, e.g. veils ([N: smoke-generators for gardens or orchards A01G13/06 , for killing insects A01M13/00D , for killing rats A01M17/00B2 ; smoking pipes A24F)
A01K57/00	Appliances for providing, preventing or catching swarms; Drone-catching devices
A01K59/00	Honey collection
A01K59/02	. Devices for uncapping honeycombs
A01K59/04	. Honey strainers; [N: Strainers with centrifuges or presses]
A01K59/06	. Devices for extracting wax
Guide heading:	<u>Pisciculture; Aquaria; Terraria</u>

- A01K61/00** **Culture of fish, mussels, crayfish, lobsters, sponges, pearls or the like** (harvesting oysters, mussels, sponges or the like [A01K80/00](#))
- A01K61/00A . [N: Sorting, grading counting or marking live fish; Sex determination (sorting dead fish [A22C25/04](#); sorting in general [B07B](#), [B07C](#); counting in general [G06M](#))]
- A01K61/00B . [N: Culture of bivalves, e.g. oysters, mussels]
- A01K61/00C . [N: Cleaning bottoms or walls of ponds or receptacles (cleaning windows [A47L](#); cleaning in general [B08B](#); tank cleaning specially adapted for vessels [B63B57/00](#); cleaning devices for hulls [B63B59/00](#); devices for cleaning the submerged surfaces of a swimming pool [E04H4/16](#))]
- A01K61/00D . [N: Culture of crustacea, e.g. lobsters, prawns, shrimps]
- A01K61/00E . [N: Artificial reefs specially adapted for the culture of fish]
- A01K61/00F . [N: Floating fish-farms]
- A01K61/00G . [N: Incubators or hatching devices for fish]
- A01K61/02 . Feeding devices for fish [N: (fish food [A23K1/18S](#))]
- A01K61/02B . . [N: for use with aquaria]
- A01K63/00** **Receptacles for live fish, e.g. aquaria** (keepnets or other containers for keeping captured fish [A01K97/20](#)); **Terraria** [N: (receptacles for rearing fish [A01K61/00](#))]
- A01K63/00A . [N: Aquaria; Terraria ([A01K63/04](#), [A01K63/06](#) take precedence)] [C9607]
- A01K63/00A1 . . [N: Accessories for aquaria or terraria] [N9607]
- A01K63/02 . Receptacles specially adapted for transporting live fish
- A01K63/04 . Arrangements for treating water specially adapted to receptacles for live fish, [N: e.g. filters, water pumps] ([N: cleaning receptacles [A01K61/00C](#); filters in general [B01D](#); water treatment in general [C02F](#))]
- A01K63/04A . . [N: Introducing gases into the water, e.g. aerators, air pumps]
- A01K63/04B . . [N: Filters for aquaria]
- A01K63/04C . . [N: Liquid pumps for aquaria (air pumps for aquaria [A01K63/04A](#))]
- A01K63/06 . Arrangements for heating or lighting in, or attached to, receptacles for live fish (heating, [N: cooling] or lighting apparatus per se [F21](#), [H01](#), [H05B](#)) [C9508]
- A01K63/06A . . [N: Heating or cooling devices] [N9508]
- A01K65/00** **Fish stringers** [N: (devices for threading fish on strings [A22C25/10](#))]
- A01K67/00** **Rearing or breeding animals, not otherwise provided for; New breeds of animals** (methods for reproduction or fertilisation [A61D19/00](#); medicinal preparations containing sperm [A61K35/52](#); tissue- or animal-cell cultivation apparatus [C12M3/00](#); cultivation or maintenance of tissue or animal cells [C12N5/00](#); mutation or genetic engineering [C12N15/00](#))

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.

A01K67/02

- . Breeding vertebrates (covering boxes [A01K15/00](#); devices for assisting or preventing mating [A01K21/00](#))

[Note

[N9806]

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 [C12N9/00](#) according to the peptides, with the appropriate indexing codes]

A01K67/027

- . New breeds of vertebrates

[N: Note

In group [A01N67/027](#), it is desirable to add the indexing codes of [K01K227/00](#) and subgroups relating to animals characterised by species. In group [A01K67/027](#) it is desirable to add the indexing codes of [K01K267/00](#) and subgroups relating to animals characterised by their purpose
]

A01K67/027B

- . . [N: Chimeric animals, e.g. comprising exogenous cells] [N9611]

A01K67/027D

- . . [N: Cloned animals] [N0508]

A01K67/027M

- . . [N: Genetically modified vertebrates, e.g. transgenic] [N0508]

A01K67/027M2

- . . . [N: Knockout animals] [N0508]

A01K67/027M4

- . . . [N: Humanized animals, e.g. knockin] [N0508]

A01K67/033

- . Rearing or breeding invertebrates; New breeds of invertebrates (non-chemical sterilisation of invertebrates [A01M](#)) [C9909]

[N: Note

In group [A01N67/033](#), it is desirable to add the indexing codes relating to transgenic animals. In group [A01K67/033](#), it is desirable to add the indexing codes relating to animals characterised by their purpose
]

A01K67/033A

- . . [N: Snails ([A01K67/033M](#) takes precedence)] [C9701]

A01K67/033B

- . . [N: Earthworms ([A01K67/033M](#) takes precedence)] [C9701]

A01K67/033M

- . . [N: Genetically modified invertebrates, e.g. transgenic, polyploid] [N9701]

A01K67/033M10

- . . . [N: Genetically modified Molluscs][N0312]

A01K67/033M20

- . . . [N: Genetically modified worms][N0312]

A01K67/033M20C

- [N: Genetically modified Nematodes, e.g. *Caenorhabditis elegans*][N0312]

A01K67/033M30

- . . . [N: Genetically modified Arthropods][N0312]

A01K67/033M30C

- [N: Genetically modified Crustaceans][N0312]

A01K67/033M30D

- [N: Genetically modified insects, e.g. *Drosophila melanogaster*, medfly][N0312]

A01K67/04 . . Silkworms [N: ([A01K67/033M](#) takes precedence)] [C9701]

Guide heading: **Fishing** ([fish stringers A01K65/00](#))

A01K69/00 Stationary catching devices

A01K69/02 . Fixed nets without traps [N9502]

A01K69/04 . Fixed nets with traps [N9502]

A01K69/06 . Traps

A01K69/08 . . Rigid traps, e.g. lobster pots

A01K69/10 . . Collapsible traps

A01K71/00 Floating nets [N: (if drawn [A01K73/00](#))]

A01K73/00 Drawn nets

A01K73/02 . Trawling nets

A01K73/02B . . [N: Regulation of net depth]

A01K73/04 . . Devices for spreading or positioning, e.g. control thereof

A01K73/045 . . . for lateral sheering, e.g. trawl boards

A01K73/05 . . . for vertical sheering

A01K73/053 . . . Ground-line rollers

A01K73/06 . . Hauling devices for the headlines, [N: also for nets; Winches ([A01K73/12](#) takes precedence)]

A01K73/10 . . Determining the quantity of the catch, e.g. by the pull or drag on the lines

A01K73/12 . Nets held vertically in the water, e.g. seines

A01K74/00 Other catching nets or the like

A01K75/00 Accessories for nets; Details of nets, e.g. structure

A01K75/02 . Illuminating devices for nets

A01K75/04 . Floats ([for angling A01K93/00](#))

A01K75/06 . Sinkers ([for angling A01K95/00](#))

A01K77/00 Landing-nets; Landing-spoons

A01K79/00 Methods or means of catching fish in bulk not provided for in groups [A01K69/00](#) to [A01K77/00](#), [N: e.g. fish pumps; Detection of fish; Whale fishery]

- A01K79/02
 - by electrocution (electric circuits therefor [H05C](#)); [N: Attracting or stunning fish; Scaring sharks]
- A01K80/00** **Harvesting oysters, mussels, sponges or the like**, [N: e.g. drags, clam diggers, marine life collectors] (nets [A01K73/00](#), [A01K74/00](#); dredgers [E02F](#))
- A01K81/00** **Fishing with projectiles** (weapons, projectiles other than fish-spears [F41](#), [F42](#))
- A01K81/04
 - Fish-spears
- A01K81/06
 - Equipment for hunting fish under water (swimming equipment [A63B31/00](#) to [A63B35/00](#))
- Guide heading:** **Angling**
- A01K83/00** **Fish-hooks** [N: (making fish-hooks [B21F45/12](#))]
- A01K83/02
 - Expanding fish-hook assembly
- A01K83/04
 - with special gripping arms
- A01K83/06
 - Devices for holding bait on hooks [N: (baiting trotlines [A01K91/18](#); non-living bait [A01K97/04B](#))]
- A01K85/00** **Artificial baits**, [N: i.e. Lures]
- A01K85/00B
 - [N: without hooks] [N9604]
- A01K85/01
 - with light emission, sound emission, scent dispersal or the like
- A01K85/02
 - with means for concealing or protecting hooks, e.g. to prevent entanglement with weeds
- A01K85/08
 - Artificial flies (fly tying devices [A01K97/26](#))
- A01K85/10
 - with at least one flat rotating body having its axis of rotation substantially non-coincident with the longitudinal axis of the body, [N: e.g. spinners]
- A01K85/12
 - comprising a body rotating around its longitudinal axis, e.g. devons
- A01K85/14
 - with flat, or substantially flat, undulating bodies, e.g. spoons
- A01K85/16
 - with other than flat, or substantially flat, undulating bodies, e.g. plugs
- A01K85/18
 - . . . in two or more pieces
- A01K87/00** **Rods**
- A01K87/00B
 - [N: with the line passing through the hollow rod] [N9604]

A01K87/00B2	. . [N: comprising internal line guides] [N9604]
A01K87/00D	. [N: with built-in accessories, e.g. lighting means or measuring devices] [N9604]
A01K87/02	. Connecting devices for parts of the rods
A01K87/02B	. . [N: telescopic] [N9604]
A01K87/04	. Fishing-line guides on rods, [N: e.g. tips (internal line guides A01K87/00B2)] [N9604]
A01K87/06	. Devices for fixing reels on rods
A01K87/08	. Handgrips
A01K87/08B	. . [N: Heating devices or other means to protect against the cold] [N9604]
A01K89/00	Reels (devices for casting lines A01K91/02)
A01K89/00B	. [N: Devices for transferring line to a reel]
A01K89/00D	. [N: Cranks] [N9604]
A01K89/01	. with pick-up, i.e. with the guiding member rotating and the spool being stationary during normal retrieval of the line (A01K89/027 takes precedence)
A01K89/01B	. . [N: with closed face]
A01K89/01D	. . [N: Multi-speed mechanisms] [N9604]
A01K89/01F	. . [N: Pick-up details] [N9604]
A01K89/01H	. . [N: Spool details] [N9604]
A01K89/01K	. . [N: Reciprocating mechanisms] [N9604]
A01K89/01M	. . [N: Anti-reverse mechanisms] [N9604]
A01K89/012	. . motor-driven
A01K89/015	. with rotary drum (A01K89/033 takes precedence)
A01K89/0155	. . Antibacklash devices
A01K89/0155B	. . . [N: using magnets]
A01K89/016	. . Fly reels
A01K89/0165	. . for trolling
A01K89/017	. . motor-driven
A01K89/02	. Brake devices for reels
A01K89/027	. . with pick-up
A01K89/027B	. . . [N: with closed face]
A01K89/033	. . with rotary drum
A01K89/06	. Reversible reels
A01K89/08	. Pole-less fishing apparatus, i.e. hand-held reels
A01K91/00	Lines

- A01K91/02 . Devices for casting lines
- A01K91/03 . Connecting devices ([devices for fixing on or removing sinkers from lines A01K95/02](#))
- A01K91/04 . . for connecting lines to hooks or lures
- A01K91/047 . . for connecting lines to lines
- A01K91/053 . . Fishing booms, i.e. connecting devices spreading out the leaders, e.g. to avoid tangling thereof
- A01K91/06 . Apparatus on lines not otherwise provided for, e.g. automatic hookers ([floats A01K93/00](#))
- A01K91/06D . . [N: Jiggling devices, i.e. devices for moving the lure]
- A01K91/08 . . Trolling devices
- A01K91/10 . . for automatic hook setting
- A01K91/12 . Fly lines
- A01K91/14 . Leaders
- A01K91/16 . . for fly fishing
- A01K91/18 . Trotlines, longlines; Accessories therefor, e.g. baiting devices, lifters, setting reelers
- A01K91/20 . Line length or depth measuring devices
- A01K93/00 Floats for angling, with or without signalling devices**
- A01K93/02 . with signalling devices
- A01K95/00 Sinkers for angling ([for trawling A01K75/06](#))**
- A01K95/00A . [N: Sinkers not containing lead]
- A01K95/02 . Devices for fixing on or removing sinkers from lines
- A01K97/00 Accessories for angling ([landing-nets, landing-spoons A01K77/00](#))**
- A01K97/01 . for ice-fishing; [N: Ice drilling, hook-setting or signalling devices]
- A01K97/02 . Devices for laying ground-bait, e.g. chum dispensers, [N: e.g. also for throwing ground-bait]
- A01K97/04 . Containers for bait; Preparation of bait; [N: Dispensers] ([feeding-stuffs for particular animals A23K1/18](#))
- A01K97/04B . . [N: Preparation of bait; Ingredients]
- A01K97/05 . . Containers for live bait kept in water, e.g. for minnows, shrimps
- A01K97/06 . Containers or holders for hooks, lines, sinkers, flies or the like
- A01K97/08 . Containers for rods

- A01K97/10 . Supports for rods
- A01K97/11 . . with automatic hooking devices
- A01K97/12 . Signalling devices, e.g. tip-up devices ([A01K91/06](#) takes precedence; [N: for floats [A01K93/02](#); for ice-fishing [A01K97/01](#); for supports [A01K97/10](#)])
- A01K97/12B . . [N: using electronic components]
- A01K97/14 . Gaffs
- A01K97/16 . Devices for drying fishing lines
- A01K97/18 . for removing fish-hooks from the fish
- A01K97/20 . Keepnets or other containers for keeping captured fish ([A01K97/05](#) takes precedence)
- A01K97/22 . Platforms or seat-boxes specially adapted for angling, e.g. tackle boxes for use as seats
- A01K97/24 . Arrangements for disengaging fish-hooks from obstacles
- A01K97/26 . Fly tying devices
- A01K97/28 . . Vices specially adapted therefor
- A01K99/00** **Methods or apparatus for fishing not provided for in groups A01K69/00 to A01K97/00** [N0611]