

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A23 FOODS OR FOODSTUFFS; TREATMENT THEREOF, NOT COVERED BY OTHER CLASSES

(NOTE omitted)

A23K FODDER

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| 10/00 | Animal feeding-stuffs | 20/132 | . . . containing only one nitrogen as hetero atom |
| 10/10 | . . . obtained by microbiological or biochemical processes (using chemicals or microorganisms for ensilaging of green fodder A23K 30/15) | 20/137 | . . . containing two hetero atoms, of which at least one is nitrogen |
| 10/12 | . . . by fermentation of natural products, e.g. of vegetable material, animal waste material or biomass | 20/142 | . . . Amino acids; Derivatives thereof |
| 10/14 | . . . Pretreatment of feeding-stuffs with enzymes | 20/147 | . . . Polymeric derivatives, e.g. peptides or proteins |
| 10/16 | . . . Addition of microorganisms or extracts thereof, e.g. single-cell proteins, to feeding-stuff compositions (A23K 10/12 takes precedence) | 20/153 | . . . Nucleic acids; Hydrolysis products or derivatives thereof |
| 10/18 | . . . of live microorganisms | 20/158 | . . . Fatty acids; Fats; Products containing oils or fats |
| 10/20 | . . . from material of animal origin (obtained by microbiological or biochemical processes A23K 10/10) | 20/163 | . . . Sugars; Polysaccharides |
| 10/22 | . . . from fish | 20/168 | . . . Steroids |
| 10/24 | . . . from blood | 20/174 | . . . Vitamins |
| 10/26 | . . . from waste material, e.g. feathers, bones or skin (A23K 10/24 takes precedence) | 20/179 | . . . Colouring agents, e.g. pigmenting or dyeing agents |
| 10/28 | . . . from waste dairy products | 20/184 | . . . Hormones |
| 10/30 | . . . from material of plant origin, e.g. roots, seeds or hay; from material of fungal origin, e.g. mushrooms (obtained by microbiological or biochemical processes, e.g. using yeasts or enzymes, A23K 10/10) | 20/189 | . . . Enzymes |
| 10/32 | . . . from hydrolysates of wood or straw | 20/195 | . . . Antibiotics |
| 10/33 | . . . from molasses | 20/20 | . . . Inorganic substances, e.g. oligoelements |
| 10/35 | . . . from potatoes | 20/22 | . . . Compounds of alkali metals |
| 10/37 | . . . from waste material (from hydrolysates of wood or straw A23K 10/32 ; from molasses A23K 10/33) | | NOTE |
| 10/38 | . . . from distillers' or brewers' waste | | In groups A23K 20/22 - A23K 20/28 , the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. |
| 10/40 | . . . Mineral licks, e.g. salt blocks | | |
| 20/00 | Accessory food factors for animal feeding-stuffs | 20/24 | . . . Compounds of alkaline earth metals, e.g. magnesium |
| 20/10 | . . . Organic substances | 20/26 | . . . Compounds containing phosphorus |
| 20/105 | . . . Aliphatic or alicyclic compounds | 20/28 | . . . Silicates, e.g. perlites, zeolites or bentonites |
| | NOTE | 20/30 | . . . { Oligoelements } |
| | When classifying in groups A23K 20/105 - A23K 20/168 , classification is also made in groups A23K 20/174 - A23K 20/195 if the substance has a particular function. | 30/00 | Processes specially adapted for preservation of materials in order to produce animal feeding-stuffs |
| 20/111 | . . . Aromatic compounds | 30/10 | . . . of green fodder |
| 20/116 | . . . Heterocyclic compounds | 30/12 | . . . Dehydration |
| 20/121 | . . . containing oxygen or sulfur as hetero atom | 30/15 | . . . using chemicals or microorganisms for ensilaging |
| 20/126 | Lactones | 30/18 | . . . using microorganisms or enzymes |
| | | 30/20 | . . . Dehydration (of green fodder A23K 30/12) |
| | | 40/00 | Shaping or working-up of animal feeding-stuffs |
| | | 40/10 | . . . by agglomeration; by granulation, e.g. making powders |
| | | 40/20 | . . . by moulding, e.g. making cakes or briquettes |
| | | 40/25 | . . . by extrusion |
| | | 40/30 | . . . by encapsulating; by coating |
| | | 40/35 | . . . Making capsules specially adapted for ruminants |

50/00 Feeding-stuffs specially adapted for particular animals

- 50/10 . for ruminants
- 50/15 . . containing substances which are metabolically converted to proteins, e.g. ammonium salts or urea
- 50/20 . for horses
- 50/30 . for swines
- 50/40 . for carnivorous animals, e.g. cats or dogs
- 50/42 . . Dry feed
- 50/45 . . Semi-moist feed
- 50/48 . . Moist feed
- 50/50 . for rodents
- 50/60 . for weanlings

NOTE

When classifying in group [A23K 50/60](#), classification is also made in groups [A23K 50/10](#) - [A23K 50/50](#) if the weanling is any of the animals covered by those groups.

- 50/70 . for birds
- 50/75 . . for poultry
- 50/80 . for aquatic animals, e.g. fish, crustaceans or molluscs
- 50/90 . for insects, e.g. bees or silkworms