

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

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

(NOTE omitted)

A23K FODDER

10/00 Animal feeding-stuffs

10/10 . . obtained by microbiological or biochemical processes (using chemicals or microorganisms for ensilaging of green fodder [A23K 30/15](#))

10/12 . . . by fermentation of natural products, e.g. of vegetable material, animal waste material or biomass

10/14 . . Pretreatment of feeding-stuffs with enzymes

10/16 . . Addition of microorganisms or extracts thereof, e.g. single-cell proteins, to feeding-stuff compositions ([A23K 10/12](#) takes precedence)

10/18 . . . of live microorganisms

10/20 . . from material of animal origin (obtained by microbiological or biochemical processes [A23K 10/10](#))

10/22 . . from fish

10/24 . . from blood

10/26 . . from waste material, e.g. feathers, bones or skin ([A23K 10/24](#) takes precedence)

10/28 . . . from waste dairy products

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](#))

10/32 . . from hydrolysates of wood or straw

10/33 . . from molasses

10/35 . . from potatoes

10/37 . . from waste material (from hydrolysates of wood or straw [A23K 10/32](#); from molasses [A23K 10/33](#))

10/38 . . . from distillers' or brewers' waste

10/40 . . Mineral licks, e.g. salt blocks

WARNING

Group [A23K 10/40](#) is incomplete pending reclassification of documents from group [A23K 20/20](#).

Groups [A23K 10/40](#) and [A23K 20/20](#) should be considered in order to perform a complete search.

20/00 Accessory food factors for animal feeding-stuffs

20/10 . . Organic substances

20/105 . . Aliphatic or alicyclic compounds

NOTE

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.

20/111 . . Aromatic compounds

20/116 . . Heterocyclic compounds

20/121 . . . containing oxygen or sulfur as hetero atom

20/126 Lactones

20/132 . . . containing only one nitrogen as hetero atom

20/137 . . . containing two hetero atoms, of which at least one is nitrogen

20/142 . . Amino acids; Derivatives thereof

20/147 . . . Polymeric derivatives, e.g. peptides or proteins

20/153 . . Nucleic acids; Hydrolysis products or derivatives thereof

20/158 . . Fatty acids; Fats; Products containing oils or fats

20/163 . . Sugars; Polysaccharides

20/168 . . Steroids

WARNING

Group [A23K 20/168](#) is impacted by reclassification into group [A23K 20/184](#).

Groups [A23K 20/168](#) and [A23K 20/184](#) should be considered in order to perform a complete search.

20/174 . . Vitamins

20/179 . . Colouring agents, e.g. pigmenting or dyeing agents

20/184 . . Hormones

WARNING

Group [A23K 20/184](#) is incomplete pending reclassification of documents from group [A23K 20/168](#).

Groups [A23K 20/184](#) and [A23K 20/168](#) should be considered in order to perform a complete search.

20/189 . . Enzymes

20/195 . . Antibiotics

20/20	<ul style="list-style-type: none"> Inorganic substances, e.g. oligoelements <p>WARNING</p> <p>Group A23K 20/20 is impacted by reclassification into group A23K 10/40.</p> <p>Groups A23K 20/20 and A23K 10/40 should be considered in order to perform a complete search.</p>	50/45	<ul style="list-style-type: none"> Semi-moist feed
		50/48	<ul style="list-style-type: none"> Moist feed
		50/50	<ul style="list-style-type: none"> for rodents
		50/60	<ul style="list-style-type: none"> for weanlings <p>NOTE</p> <p>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.</p>
20/22	<ul style="list-style-type: none"> Compounds of alkali metals <p>NOTE</p> <p>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.</p>	50/70	<ul style="list-style-type: none"> for birds
		50/75	<ul style="list-style-type: none"> for poultry
		50/80	<ul style="list-style-type: none"> for aquatic animals, e.g. fish, crustaceans or molluscs
		50/90	<ul style="list-style-type: none"> for insects, e.g. bees or silkworms
20/24	<ul style="list-style-type: none"> Compounds of alkaline earth metals, e.g. magnesium 		
20/26	<ul style="list-style-type: none"> Compounds containing phosphorus 		
20/28	<ul style="list-style-type: none"> Silicates, e.g. perlites, zeolites or bentonites 		
20/30	<ul style="list-style-type: none"> {Oligoelements} 		
30/00	Processes specially adapted for preservation of materials in order to produce animal feeding-stuffs		
30/10	<ul style="list-style-type: none"> of green fodder 		
30/12	<ul style="list-style-type: none"> Dehydration 		
30/15	<ul style="list-style-type: none"> using chemicals or microorganisms for ensilaging 		
30/18	<ul style="list-style-type: none"> using microorganisms or enzymes 		
30/20	<ul style="list-style-type: none"> Dehydration (of green fodder A23K 30/12) 		
40/00	Shaping or working-up of animal feeding-stuffs		
40/10	<ul style="list-style-type: none"> by agglomeration; by granulation, e.g. making powders 		
40/20	<ul style="list-style-type: none"> by moulding, e.g. making cakes or briquettes <p>WARNING</p> <p>Group A23K 40/20 is impacted by reclassification into group A23K 40/25.</p> <p>Groups A23K 40/20 and A23K 40/25 should be considered in order to perform a complete search.</p>		
40/25	<ul style="list-style-type: none"> by extrusion <p>WARNING</p> <p>Group A23K 40/25 is incomplete pending reclassification of documents from group A23K 40/20.</p> <p>Groups A23K 40/25 and A23K 40/20 s should be considered in order to perform a complete search.</p>		
40/30	<ul style="list-style-type: none"> by encapsulating; by coating 		
40/35	<ul style="list-style-type: none"> Making capsules specially adapted for ruminants 		
50/00	Feeding-stuffs specially adapted for particular animals		
50/10	<ul style="list-style-type: none"> for ruminants 		
50/15	<ul style="list-style-type: none"> containing substances which are metabolically converted to proteins, e.g. ammonium salts or urea 		
50/20	<ul style="list-style-type: none"> for horses 		
50/30	<ul style="list-style-type: none"> for swines 		
50/40	<ul style="list-style-type: none"> for carnivorous animals, e.g. cats or dogs 		
50/42	<ul style="list-style-type: none"> Dry feed 		