

# CPC COOPERATIVE PATENT CLASSIFICATION

## A23K FODDER

<b>10/00</b>	<b>Animal feeding-stuffs</b>	20/137	. . . containing two hetero atoms, of which at least one is nitrogen
10/10	. . . obtained by microbiological or biochemical processes (using chemicals or micro-organisms for ensilaging of green fodder <a href="#">A23K 30/15</a> )	20/142	. . . Amino acids; Derivatives thereof
10/12	. . . by fermentation of natural products, e.g. of vegetable material, animal waste material or biomass	20/147	. . . Polymeric derivatives, e.g. peptides or proteins
10/14	. . . Pretreatment of feeding-stuffs with enzymes	20/153	. . . Nucleic acids; Hydrolysis products or derivatives thereof
10/16	. . . Addition of micro-organisms or extracts thereof, e.g. single-cell proteins, to feeding-stuff compositions ( <a href="#">A23K 10/12</a> takes precedence)	20/158	. . . Fatty acids; Fats; Products containing oils or fats
10/18	. . . of live micro-organisms	20/163	. . . Sugars; Polysaccharides
10/20	. . . from material of animal origin (obtained by microbiological or biochemical processes <a href="#">A23K 10/10</a> )	20/168	. . . Steroids
10/22	. . . from fish	<b>WARNING</b>	
10/24	. . . from blood	Group <a href="#">A23K 20/168</a> is impacted by reclassification into group <a href="#">A23K 20/184</a> .	
10/26	. . . from waste material, e.g. feathers, bones or skin ( <a href="#">A23K 10/24</a> takes precedence)	Groups <a href="#">A23K 20/168</a> and <a href="#">A23K 20/184</a> should be considered in order to perform a complete search.	
10/28	. . . from waste dairy products	20/174	. . . Vitamins
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, <a href="#">A23K 10/10</a> )	20/179	. . . Colouring agents, e.g. pigmenting or dyeing agents
10/32	. . . from hydrolysates of wood or straw	20/184	. . . Hormones
10/33	. . . from molasses	<b>WARNING</b>	
10/35	. . . from potatoes	Group <a href="#">A23K 20/184</a> is incomplete pending reclassification of documents from group <a href="#">A23K 20/168</a> .	
10/37	. . . from waste material (from hydrolysates of wood or straw <a href="#">A23K 10/32</a> ; from molasses <a href="#">A23K 10/33</a> )	Groups <a href="#">A23K 20/184</a> and <a href="#">A23K 20/168</a> should be considered in order to perform a complete search.	
10/38	. . . from distillers' or brewers' waste	20/189	. . . Enzyme
10/40	. . . Mineral licks, e.g. salt blocks	20/195	. . . Antibiotics
	<b>WARNING</b>	20/20	. . . Inorganic substances, e.g. oligoelements
	Group <a href="#">A23K 10/40</a> is incomplete pending reclassification of documents from group <a href="#">A23K 20/20</a> .	<b>WARNING</b>	
	Groups <a href="#">A23K 10/40</a> and <a href="#">A23K 20/20</a> should be considered in order to perform a complete search.	Group <a href="#">A23K 20/20</a> is impacted by reclassification into group <a href="#">A23K 10/40</a> .	
<b>20/00</b>	<b>Accessory food factors for animal feeding-stuffs</b>	Groups <a href="#">A23K 20/20</a> and <a href="#">A23K 10/40</a> should be considered in order to perform a complete search.	
20/10	. . . Organic substances	20/22	. . . Compounds of alkali metals
20/105	. . . Aliphatic or alicyclic compounds	<b>NOTE</b>	
	<b>NOTE</b>	In groups <a href="#">A23K 20/22</a> - <a href="#">A23K 20/28</a> , 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.	
	When classifying in groups <a href="#">A23K 20/105</a> - <a href="#">A23K 20/168</a> , classification is also made in groups <a href="#">A23K 20/174</a> - <a href="#">A23K 20/195</a> if the substance has a particular function.	20/24	. . . Compounds of alkaline earth metals, e.g. magnesium
20/111	. . . Aromatic compounds	20/26	. . . Compounds containing phosphorus
20/116	. . . Heterocyclic compounds	20/28	. . . Silicates, e.g. perlites, zeolites or bentonites
20/121	. . . containing oxygen or sulfur as hetero atom	20/30	. . . {Oligoelements}
20/126	. . . . Lactones	<b>30/00</b>	<b>Processes specially adapted for preservation of materials in order to produce animal feeding-stuffs</b>
20/132	. . . containing only one nitrogen as hetero atom	30/10	. . . of green fodder
		30/12	. . . Dehydration

## A23K

- 30/15 . . using chemicals or micro-organisms for ensilaging
- 30/18 . . . using micro-organisms 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

#### **WARNING**

Group [A23K 40/20](#) is impacted by reclassification into group [A23K 40/25](#).

Groups [A23K 40/20](#) and [A23K 40/25](#) should be considered in order to perform a complete search.

- 40/25 . by extrusion

#### **WARNING**

Group [A23K 40/25](#) is incomplete pending reclassification of documents from group [A23K 40/20](#).

Groups [A23K 40/25](#) and [A23K 40/20](#) s should be considered in order to perform a complete search.

- 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