CPC  COOPERATIVE PATENT CLASSIFICATION

A  HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

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

A23K  FODDER

10/00  Animal feeding-stuffs
10/10  . obtained by microbiological or biochemical processes (using chemicals or microorganisms for ensiling 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 10/20.

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.
WARNING

Group A23K 20/20 is impacted by reclassification into group A23K 10/40. Groups A23K 20/20 and A23K 10/40 should be considered in order to perform a complete search.

20/20 . . Inorganic substances, e.g. oligoelements

WARNING

Group A23K 20/20 is impacted by reclassification into group A23K 10/40. Groups A23K 20/20 and A23K 10/40 should be considered in order to perform a complete search.

20/22 . . Compounds of alkali metals

NOTE

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.

20/24 . . Compounds of alkaline earth metals, e.g. magnesium
20/26 . . Compounds containing phosphorus
20/28 . . Silicates, e.g. perlites, zeolites or bentonites
20/30 . . (Oligoelements)

30/00 Processes specially adapted for preservation of materials in order to produce animal feeding-stuffs
30/10 . . of green fodder
30/12 . . Dehydration
30/15 . . using chemicals or microorganisms for ensilaging
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

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 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

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

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