

**CPC****COOPERATIVE PATENT CLASSIFICATION****A23K****FODDER****WARNING**

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups are classified in the following CPC groups:

[A23K 1/20](#) covered by [A23K 1/003](#)  
[A23K 1/24](#) covered by [A23K 1/003](#) , [A23K 1/1826](#)  
[A23K 3/04](#) covered by [A23K 1/143](#)

**Guidance heading:****A23K 1/00**

**Animal feeding-stuffs** ( detoxicating or removing bitter tastes from seeds, e.g. lupin seeds for fodder or food [A23L 1/211](#) )

- A23K 1/001 . { Shaping or working-up of feeding-stuffs }
- A23K 1/002 . . { by agglomeration; by granulation, e.g. making powders }
- A23K 1/003 . . { by moulding; by extrusion }
- A23K 1/004 . . { by encapsulating; by coating }
- A23K 1/005 . . . { Making capsules specially adapted for ruminants }
- A23K 1/006 . { Animal feeding-stuffs obtained by microbiological or biochemical processes }
- A23K 1/007 . . { by fermentation of natural products, or vegetable or animal offal materials, e.g. biomasses ( single cell proteins as additives [A23K 1/008](#) ; live micro-organisms as additives [A23K 1/009](#) ) }
- A23K 1/008 . . { Addition of micro-organisms to feeding-stuff compositions, e.g. single cell proteins ( biomasses [A23K 1/007](#) ; enzymes [A23K 1/165](#) ) }
- A23K 1/009 . . . { Addition of live micro-organisms to feeding-stuff compositions }
- A23K 1/02 . from molasses
- A23K 1/04 . from blood ( proteins from blood [A23J 1/06](#) )
- A23K 1/06 . from distillers` or brewers` waste
- A23K 1/08 . from waste products of dairy plant
- A23K 1/10 . from meat, fish, or bones ; from kitchen waste
- A23K 1/103 . . { from fish }
- A23K 1/106 . . { from animal offal material, e.g. feathers, bones, skin ( from blood [A23K 1/04](#) ) }
- A23K 1/12 . from hydrolysates of wood or straw
- A23K 1/14 . from vegetable materials, e.g. potatoes or roots without ensilaging ( preserving food [A23B](#) , [A23L](#) )

- A23K 1/143 .. { from potatoes }
- A23K 1/146 .. { from vegetable offal material ( molasses [A23K 1/02](#) ; distillers` and brewers` waste [A23K 1/06](#) ; from wood or straw [A23K 1/12](#) ) }
- A23K 1/16 . supplemented with accessory food factors ; Salt blocks { ( steroids, hormones or enzymes [A23K 1/165](#) ; antibiotics [A23K 1/17](#) ; inorganic additions [A23K 1/175](#) ) }
- A23K 1/1603 .. { Vitamins }
- A23K 1/1606 .. { Pigmenting agents }
- A23K 1/1609 .. { Aliphatic or alicyclic compounds }
- A23K 1/1612 .. { Aromatic compounds }
- A23K 1/1615 .. { Heterocyclic compounds }
- A23K 1/1618 ... { containing oxygen or sulfur as hetero atom }
- A23K 1/1621 ... { Lactones }
- A23K 1/1625 ... { containing only one nitrogen as hetero atom }
- A23K 1/1628 ... { containing two hetero atoms of which at least one is nitrogen }
- A23K 1/1631 .. { Amino acids; Derivatives thereof, e.g. peptides, proteins }
- A23K 1/1634 ... { Amino acids; Non-polymeric derivatives thereof }
- A23K 1/1637 .. { Nucleic acids; Hydrolysis products or derivatives thereof }
- A23K 1/164 .. { Fatty acids, fats, oil- or fat-containing products }
- A23K 1/1643 .. { Sugars or polysaccharides }
- A23K 1/1646 .. { Other organic substances }
- A23K 1/165 .. with steroids, hormones, or enzymes
- A23K 1/1653 ... { Enzymes }
- A23K 1/1656 .... { Pretreatment of feeding-stuffs with enzymes }
- A23K 1/17 .. with antibiotics
- A23K 1/175 .. with inorganic substances ; Salt blocks

### **NOTE**

In groups [A23K 1/1751](#) to [A23K 1/1758](#) , in the absence of an indication to the contrary, an invention is classified in the last appropriate place

- A23K 1/1751 ... { Alkali metal compounds }
- A23K 1/1753 ... { Earth alkali metal compounds }
- A23K 1/1755 ... { Compounds containing phosphorus }
- A23K 1/1756 ... { Silicates, e.g. perlite, zeolite, bentonite }
- A23K 1/1758 ... { Oligoelements }
- A23K 1/18 . specially adapted for particular animals ( milk substitutes [A23C 11/00](#) )
- A23K 1/1806 .. { for horses }
- A23K 1/1813 .. { for ruminants }
- A23K 1/182 .. { for birds }
- A23K 1/1826 ... { for poultry }
- A23K 1/1833 .. { for monogastric animals }
- A23K 1/184 ... { for swine }

- A23K 1/1846 . . { for carnivorous animals, e.g. cats, dogs }
- A23K 1/1853 . . . { Dry feed }
- A23K 1/186 . . . { Semi-moist feed }
- A23K 1/1866 . . . { Moist feed }
- A23K 1/1873 . . { for insects, e.g. bees, silk worms }
- A23K 1/188 . . { for aquatic animals, e.g. fish, crustaceans, molluscs }
- A23K 1/1886 . . { for rodents }
- A23K 1/1893 . . { for weanlings }
  
- A23K 1/22 . containing chemicals which are converted to proteins by cattle, e.g. ammonium salts, urea

### **A23K 3/00                      Preservation of materials to produce animal feeding-stuffs**

- A23K 3/005 . { Dehydration }
  
- A23K 3/02 . of green fodder ( processing and storing [A01F 25/00](#) ; silos [E04H](#) )
- A23K 3/025 . . { Dehydration of green fodder }
- A23K 3/03 . . using chemicals for ensilaging
- A23K 3/035 . . . { Ensilage by use of micro-organisms or enzymes }