

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

The following IPC groups are not used in the internal ECLA classification scheme.  
Subject matter covered by these groups are classified in the following ECLA 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](#)

**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}