

CPC COOPERATIVE PATENT CLASSIFICATION

C05B PHOSPHATIC FERTILISERS

WARNING

IPC group [C05B 21/00](#) is not used in the CPC scheme. Subject matter covered by this group is classified in one of the CPC groups [C05B 1/00](#) - [C05B 19/00](#) (see internal note after the title of class [C05](#))

- 1/00** Superphosphates, i.e. fertilisers produced by reacting rock or bone phosphates with sulfuric or phosphoric acid in such amounts and concentrations as to yield solid products directly
 - 19/02 . of superphosphates or mixtures containing them
- 1/02 . Superphosphates
- 1/04 . Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate
- 1/06 . Ammoniation of superphosphates ([fertilisers based essentially on ammonium orthophosphate C05B 7/00](#))
- 1/10 . Apparatus for the manufacture of superphosphates
- 3/00** Fertilisers based essentially on di-calcium phosphate ([C05B 11/00](#) takes precedence)
- 5/00** Thomas phosphate; Other slag phosphates
- 7/00** Fertilisers based essentially on alkali or ammonium orthophosphates ([C05B 11/00](#) takes precedence)
- 9/00** Fertilisers based essentially on phosphates or double phosphates of magnesium ([C05B 11/00](#) takes precedence)
- 11/00** Fertilisers produced by wet-treating or leaching raw materials either with acids in such amounts and concentrations as to yield solutions followed by neutralisation, or with alkaline lyes
 - 11/02 . Pretreatment
 - 11/04 . using mineral acid
 - 11/06 . . using nitric acid (nitrophosphates)
 - 11/08 . . using sulfuric acid
 - 11/10 . . using orthophosphoric acid
 - 11/12 . . using aqueous hydrochloric acid
 - 11/14 . . using wet gaseous acids
 - 11/16 . using alkaline lyes
- 13/00** Fertilisers produced by pyrogenic processes from phosphatic materials
 - 13/02 . from rock phosphates ([C05B 13/06](#) takes precedence)
 - 13/04 . from metallic phosphorus compounds, e.g. ferro-phosphorus
 - 13/06 . Alkali and alkaline earth meta- or polyphosphate fertilisers
- 15/00** Organic phosphatic fertilisers ([bone meal C05B 17/00](#))
- 17/00** Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal
 - 17/02 . containing manganese
- 19/00** Granulation or pelletisation of phosphatic fertilisers, other than slag ([granulating apparatus B01J 2/00](#); [granulating slag C04B](#))