

**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](#) to [C05B 19/00](#) (see internal note after the title of class [C05](#))

**C05B 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**

**C05B 1/02**

- . Superphosphates

**C05B 1/04**

- . Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate

**C05B 1/06**

- . Ammoniation of superphosphates ([fertilisers based essentially on ammonium orthophosphate C05B 7/00](#))

**C05B 1/10**

- . Apparatus for the manufacture of superphosphates

**C05B 3/00**

**Fertilisers based essentially on di-calcium phosphate** ([C05B 11/00](#) takes precedence)

**C05B 5/00**

**Thomas phosphate; Other slag phosphates**

**C05B 7/00**

**Fertilisers based essentially on alkali or ammonium orthophosphates** ([C05B 11/00](#) takes precedence)

**C05B 9/00**

**Fertilisers based essentially on phosphates or double phosphates of magnesium** ([C05B 11/00](#) takes precedence)

**C05B 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**

**C05B 11/02**

- . Pretreatment

**C05B 11/04**

- . using mineral acid

**C05B 11/06**

- . . using nitric acid (nitrophosphates)

**C05B 11/08**

- . . using sulfuric acid

**C05B 11/10**

- . . using orthophosphoric acid

C05B 11/12 . . using aqueous hydrochloric acid

C05B 11/14 . . using wet gaseous acids

C05B 11/16 . using alkaline lyes

**C05B 13/00 Fertilisers produced by pyrogenic processes from phosphatic materials**

C05B 13/02 . from rock phosphates ([C05B 13/06](#) takes precedence)

C05B 13/04 . from metallic phosphorus compounds, e.g. ferro-phosphorus

C05B 13/06 . Alkali and alkaline earth meta- or polyphosphate fertilisers

**C05B 15/00 Organic phosphatic fertilisers** ([bone meal C05B 17/00](#))

**C05B 17/00 Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal**

C05B 17/02 . containing manganese

**C05B 19/00 Granulation or pelletisation of phosphatic fertilisers, other than slag** ([granulating apparatus B01J 2/00](#); [granulating slag C04B](#))

C05B 19/02 . of superphosphates or mixtures containing them