

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