

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