

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

C05 FERTILISERS; MANUFACTURE THEREOF

(NOTES omitted)

C05B PHOSPHATIC FERTILISERS

WARNINGS

- The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
[C05B 21/00](#) covered by [C05B 1/00 - C05B 19/00](#)
 (see internal note after the title of class [C05](#))
- In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

| | | | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 13/04 | • from metallic phosphorus compounds, e.g. ferro-phosphorus |
| 1/02 | • Superphosphates | 13/06 | • Alkali and alkaline earth meta- or polyphosphate fertilisers |
| 1/04 | • Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate | 15/00 | Organic phosphatic fertilisers (bone meal C05B 17/00) |
| 1/06 | • Ammoniation of superphosphates (fertilisers based essentially on ammonium orthophosphate C05B 7/00) | 17/00 | Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal |
| 1/10 | • Apparatus for the manufacture of superphosphates | 17/02 | • containing manganese |
| 3/00 | Fertilisers based essentially on di-calcium phosphate (C05B 11/00 takes precedence) | 19/00 | Granulation or pelletisation of phosphatic fertilisers, other than slag (granulating apparatus B01J 2/00; granulating slag C04B) |
| 5/00 | Thomas phosphate; Other slag phosphates | 19/02 | • of superphosphates or mixtures containing them |
| 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) | | |