

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

C05 FERTILISERS; MANUFACTURE THEREOF (processes or devices for granulating materials, in general [B01J 2/00](#); soil-conditioning or soil-stabilising materials [C09K 17/00](#))
(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	13/02	• from rock phosphates (C05B 13/06 takes precedence)
1/02	• Superphosphates	13/04	• from metallic phosphorus compounds, e.g. ferro-phosphorus
1/04	• Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate	13/06	• Alkali and alkaline earth meta- or polyphosphate fertilisers
1/06	• Ammoniation of superphosphates (fertilisers based essentially on ammonium orthophosphate C05B 7/00)	15/00	Organic phosphatic fertilisers (bone meal C05B 17/00)
1/10	• Apparatus for the manufacture of superphosphates	17/00	Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal
3/00	Fertilisers based essentially on di-calcium phosphate (C05B 11/00 takes precedence)	17/02	• containing manganese
5/00	Thomas phosphate; Other slag phosphates	19/00	Granulation or pelletisation of phosphatic fertilisers, other than slag (granulating apparatus B01J 2/00 ; granulating slag C04B)
7/00	Fertilisers based essentially on alkali or ammonium orthophosphates (C05B 11/00 takes precedence)	19/02	• of superphosphates or mixtures containing them
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		