

# 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.

<b>1/00</b>	<b>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</b>	13/02	. from rock phosphates ( <a href="#">C05B 13/06</a> 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 <a href="#">C05B 7/00</a> )	<b>15/00</b>	<b>Organic phosphatic fertilisers (bone meal <a href="#">C05B 17/00</a>)</b>
1/10	. Apparatus for the manufacture of superphosphates	<b>17/00</b>	<b>Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal</b>
<b>3/00</b>	<b>Fertilisers based essentially on di-calcium phosphate (<a href="#">C05B 11/00</a> takes precedence)</b>	17/02	. containing manganese
<b>5/00</b>	<b>Thomas phosphate; Other slag phosphates</b>	<b>19/00</b>	<b>Granulation or pelletisation of phosphatic fertilisers, other than slag (<a href="#">granulating apparatus B01J 2/00</a>; <a href="#">granulating slag C04B</a>)</b>
<b>7/00</b>	<b>Fertilisers based essentially on alkali or ammonium orthophosphates (<a href="#">C05B 11/00</a> takes precedence)</b>	19/02	. of superphosphates or mixtures containing them
<b>9/00</b>	<b>Fertilisers based essentially on phosphates or double phosphates of magnesium (<a href="#">C05B 11/00</a> takes precedence)</b>		
<b>11/00</b>	<b>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</b>		
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		
<b>13/00</b>	<b>Fertilisers produced by pyrogenic processes from phosphatic materials</b>		