

# 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

### WARNING

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](#))

<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>	<b>13/04</b>	• from metallic phosphorus compounds, e.g. ferro-phosphorus
1/02	• Superphosphates	<b>13/06</b>	• Alkali and alkaline earth meta- or polyphosphate fertilisers
1/04	• Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate	<b>15/00</b>	<b>Organic phosphatic fertilisers</b> (bone meal <a href="#">C05B 17/00</a> )
1/06	• Ammoniation of superphosphates (fertilisers based essentially on ammonium orthophosphate <a href="#">C05B 7/00</a> )	<b>17/00</b>	<b>Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal</b>
1/10	• Apparatus for the manufacture of superphosphates	17/02	• containing manganese
<b>3/00</b>	<b>Fertilisers based essentially on di-calcium phosphate</b> ( <a href="#">C05B 11/00</a> takes precedence)	<b>19/00</b>	<b>Granulation or pelletisation of phosphatic fertilisers, other than slag</b> (granulating apparatus <a href="#">B01J 2/00</a> ; granulating slag <a href="#">C04B</a> )
<b>5/00</b>	<b>Thomas phosphate; Other slag phosphates</b>	19/02	• of superphosphates or mixtures containing them
<b>7/00</b>	<b>Fertilisers based essentially on alkali or ammonium orthophosphates</b> ( <a href="#">C05B 11/00</a> takes precedence)		
<b>9/00</b>	<b>Fertilisers based essentially on phosphates or double phosphates of magnesium</b> ( <a href="#">C05B 11/00</a> takes precedence)		
<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>		
13/02	• from rock phosphates ( <a href="#">C05B 13/06</a> takes precedence)		