

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