

# 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](#))

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| <p><b>1/00</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</p> <p>1/02 . Superphosphates</p> <p>1/04 . Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate</p> <p>1/06 . Ammoniation of superphosphates (fertilisers based essentially on ammonium orthophosphate <a href="#">C05B 7/00</a>)</p> <p>1/10 . Apparatus for the manufacture of superphosphates</p> <p><b>3/00</b> Fertilisers based essentially on di-calcium phosphate (<a href="#">C05B 11/00</a> takes precedence)</p> <p><b>5/00</b> Thomas phosphate; Other slag phosphates</p> <p><b>7/00</b> Fertilisers based essentially on alkali or ammonium orthophosphates (<a href="#">C05B 11/00</a> takes precedence)</p> <p><b>9/00</b> Fertilisers based essentially on phosphates or double phosphates of magnesium (<a href="#">C05B 11/00</a> takes precedence)</p> <p><b>11/00</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</p> <p>11/02 . Pretreatment</p> <p>11/04 . using mineral acid</p> <p>11/06 . . using nitric acid (nitrophosphates)</p> <p>11/08 . . using sulfuric acid</p> <p>11/10 . . using orthophosphoric acid</p> <p>11/12 . . using aqueous hydrochloric acid</p> <p>11/14 . . using wet gaseous acids</p> <p>11/16 . using alkaline lyes</p> <p><b>13/00</b> Fertilisers produced by pyrogenic processes from phosphatic materials</p> <p>13/02 . from rock phosphates (<a href="#">C05B 13/06</a> takes precedence)</p> | <p>13/04 . from metallic phosphorus compounds, e.g. ferro-phosphorus</p> <p>13/06 . Alkali and alkaline earth meta- or polyphosphate fertilisers</p> <p><b>15/00</b> Organic phosphatic fertilisers (bone meal <a href="#">C05B 17/00</a>)</p> <p><b>17/00</b> Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal</p> <p>17/02 . containing manganese</p> <p><b>19/00</b> Granulation or pelletisation of phosphatic fertilisers, other than slag (granulating apparatus <a href="#">B01J 2/00</a>; granulating slag <a href="#">C04B</a>)</p> <p>19/02 . of superphosphates or mixtures containing them</p> |
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