

# CPC COOPERATIVE PATENT CLASSIFICATION

## C05F ORGANIC FERTILISERS NOT COVERED BY SUBCLASSES [C05B](#), [C05C](#), e.g. FERTILISERS FROM WASTE OR REFUSE {(breeding of earthworms [A01K 67/0332](#))}

### NOTE

Processes where the composting step is the characterising feature, or apparatus therefor, are classified in group [C05F 17/00](#).

### WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups (see also internal note after the title of class [C05](#)):

[C05F 15/00](#)

covered by

[C05F 1/00-C05F 11/00](#)

<b>1/00</b>	<b>Fertilisers made from animal corpses, or parts thereof</b>	11/10	• Fertilisers containing plant vitamins or hormones
1/002	• {from fish or from fish-wastes}	<b>17/00</b>	<b>Preparation of fertilisers characterised by the composting step</b>
1/005	• {from meat-wastes or from other wastes of animal origin, e.g. skins, hair, hoofs, feathers, blood}	17/0009	• {in concurrence with invertebrata, (e.g. worms, flies, maggots)}
1/007	• {from derived products of animal origin or their wastes, e.g. leather, dairy products}	17/0018	• {Processing of liquids or slurries}
1/02	• Apparatus for the manufacture	17/0027	• {Multi-step composting process, (e.g. anaerobic-aerobic)}
<b>3/00</b>	<b>Fertilisers from human or animal excrements, e.g. manure</b>	17/0036	• {Activators/stimulators for composting process}
3/02	• Guano	17/0045	• {Adding/removing compounds to/from the process streams other than water and air}
3/04	• from human faecal masses	17/0054	• . {the process stream being a gas}
3/06	• Apparatus for the manufacture	17/0063	• {adding/removing heat to/from the composting process}
<b>5/00</b>	<b>Fertilisers from distillery wastes, molasses, vinasses, sugar plant or similar wastes or residues, {e.g. from waste originating from industrial processing of raw material of agricultural origin or derived products thereof}</b>	17/0072	• {with process parameter responsive control}
5/002	• {Solid waste from mechanical processing of material, e.g. seed coats, olive pits, almond shells, fruit residue, rice hulls}	17/0081	• {using irradiation, (e.g. solar, nuclear) or electric or magnetic fields}
5/004	• {Liquid waste from mechanical processing of material, e.g. wash-water, milling fluid, filtrate}	17/009	• {Elimination of harmful substances, the end product being a fertilizer}
5/006	• {Waste from chemical processing of material, e.g. distillation, roasting, cooking}	17/02	• Apparatus therefor
5/008	• . {Waste from biochemical processing of material, e.g. fermentation, breweries}	17/0205	• . {Small scale installations, i.e. no provisions for mechanically feeding or removing of material from installations, e.g. bins, garden composters}
<b>7/00</b>	<b>Fertilisers from waste water, sewage sludge, sea slime, ooze or similar masses</b>	17/0211	• . {Portable or transportable devices, e.g. transport containers, trucks}
7/005	• {Waste water from industrial processing material neither of agricultural nor of animal origin}	17/0217	• . {Systematic, essentially horizontal displacement of material from entrance to exit of installation}
7/02	• from sulfite liquor or other waste lyes from the manufacture of cellulose	17/0223	• . . {Cylinders; Drums}
7/04	• from waste liquors in the potash industry	17/0229	• . . {Tunnels}
<b>9/00</b>	<b>Fertilisers from household or town refuse</b>	17/0235	• . . {Mixing or moving equipment following predetermined, fixed paths, e.g. rails, cables}
9/02	• Apparatus for the manufacture	17/0241	• . . {Mixing and moving equipment not restricted by rails, cables or the like}
9/04	• Biological compost	17/0247	• . {Systematic, essentially vertical displacement of material from entrance to exit of installation}
<b>11/00</b>	<b>Other organic fertilisers</b>	17/0252	• . . {the material going from platform to platform}
11/02	• from peat, brown coal, and similar vegetable deposits	17/0258	• . {Parts or details of composting apparatus, e.g. floors, covers, doors}
11/04	• . Horticultural earth ("Gärtnerische Erden") from peat	17/0264	• . . {Details regulating incoming and outgoing process streams from apparatus}
11/06	• . Apparatus for the manufacture	17/027	• . . . {the process stream being a gas stream, e.g. aeration patterns}
11/08	• Organic fertilisers containing added bacterial cultures, mycelia or the like	17/0276	• . . . {the process stream being a liquid stream, e.g. humidification details}
		17/0282	• . . {Devices for measuring process parameters, e.g. temperature, pressure, water content}
		17/0288	• . {Flow sheets for composting process}

17/0294 . . {Installation consisting of individual composting  
reactors in series}