

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)

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](#)

1/00	Fertilisers made from animal corpses, or parts thereof	9/04	• Biological compost
1/002	• {from fish or from fish-wastes}	11/00	Other organic fertilisers
1/005	• {from meat-wastes or from other wastes of animal origin, e.g. skins, hair, hoofs, feathers, blood}	11/02	• from peat, brown coal, and similar vegetable deposits
1/007	• {from derived products of animal origin or their wastes, e.g. leather, dairy products}	11/04	• • Horticultural earth ("Gärtnerische Erden") from peat
1/02	• Apparatus for the manufacture	11/06	• • Apparatus for the manufacture
3/00	Fertilisers from human or animal excrements, e.g. manure	11/08	• Organic fertilisers containing added bacterial cultures, mycelia or the like
3/02	• Guano	11/10	• Fertilisers containing plant vitamins or hormones
3/04	• from human faecal masses	17/00	Preparation of fertilisers characterised by the composting step
3/06	• Apparatus for the manufacture	17/0009	• {in concurrence with invertebrata, (e.g. worms, flies, maggots)}
5/00	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}	17/0018	• {Processing of liquids or slurries}
5/002	• {Solid waste from mechanical processing of material, e.g. seed coats, olive pits, almond shells, fruit residue, rice hulls}	17/0027	• {Multi-step composting process, (e.g. anaerobic-aerobic)}
5/004	• {Liquid waste from mechanical processing of material, e.g. wash-water, milling fluid, filtrate}	17/0036	• {Activators/stimulators for composting process}
5/006	• {Waste from chemical processing of material, e.g. distillation, roasting, cooking}	17/0045	• {Adding/removing compounds to/from the process streams other than water and air}
5/008	• • {Waste from biochemical processing of material, e.g. fermentation, breweries}	17/0054	• • {the process stream being a gas}
7/00	Fertilisers from waste water, sewage sludge, sea slime, ooze or similar masses	17/0063	• {adding/removing heat to/from the composting process}
7/005	• {Waste water from industrial processing material neither of agricultural nor of animal origin}	17/0072	• {with process parameter responsive control}
7/02	• from sulfite liquor or other waste lyes from the manufacture of cellulose	17/0081	• {using irradiation, (e.g. solar, nuclear) or electric or magnetic fields}
7/04	• from waste liquors in the potash industry	17/009	• {Elimination of harmful substances, the end product being a fertilizer}
9/00	Fertilisers from household or town refuse	17/02	• Apparatus therefor
9/02	• Apparatus for the manufacture	17/0205	• • {Small scale installations, i.e. no provisions for mechanically feeding or removing of material from installations, e.g. bins, garden composters}
		17/0211	• • {Portable or transportable devices, e.g. transport containers, trucks}
		17/0217	• • {Systematic, essentially horizontal displacement of material from entrance to exit of installation}

- 17/0223 . . . {Cylinders; Drums}
- 17/0229 . . . {Tunnels}
- 17/0235 . . . {Mixing or moving equipment following predetermined, fixed paths, e.g. rails, cables}
- 17/0241 . . . {Mixing and moving equipment not restricted by rails, cables or the like}
- 17/0247 . . {Systematic, essentially vertical displacement of material from entrance to exit of installation}
- 17/0252 . . . {the material going from platform to platform}
- 17/0258 . . {Parts or details of composting apparatus, e.g. floors, covers, doors}
- 17/0264 . . . {Details regulating incoming and outgoing process streams from apparatus}
- 17/027 {the process stream being a gas stream, e.g. aeration patterns}
- 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}