

## ECLA EUROPEAN CLASSIFICATION

### C05F ORGANIC FERTILISERS NOT COVERED BY SUBCLASSES C05B, C05C, e.g. FERTILISERS FROM WASTE OR REFUSE [N: (breeding of earthworms [A01K67/033B](#))]

[N: **WARNING**

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

[C05F15/00](#) covered by [C05F1/00-C05F11/00](#)  
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**Note**

Processes where the composting step is the characterising feature, or apparatus therefor, are classified in group [C05F17/00](#).

#### C05F1/00 Fertilisers made from animal corpses, or parts thereof

- C05F1/00B . [N: from fish or from fish-wastes]
- C05F1/00D . [N: from meat-wastes or from other wastes of animal origin, e.g. skins, hair, hoofs, feathers, blood]
- C05F1/00F . [N: from derived products of animal origin or their wastes, e.g. leather, dairy products]
- C05F1/02 . Apparatus for the manufacture

#### C05F3/00 Fertilisers from human or animal excrements, e.g. manure

- C05F3/02 . Guano
- C05F3/04 . from human faecal masses
- C05F3/06 . Apparatus for the manufacture

#### C05F5/00 Fertilisers from distillery wastes, molasses, vinasses, sugar plant or similar wastes or residues, [N: e.g. from waste originating from industrial processing of raw material of agricultural origin or derived products thereof]

- C05F5/00B . [N: Solid waste from mechanical processing of material, e.g. seed coats, olive pits, almond shells, fruit residue, rice hulls]
- C05F5/00D . [N: Liquid waste from mechanical processing of material, e.g. wash-water, milling fluid, filtrate]
- C05F5/00H . [N: Waste from chemical processing of material, e.g. distillation, roasting, cooking]
- C05F5/00H2 . . [N: Waste from biochemical processing of material, e.g. fermentation, breweries]

- C05F7/00**                    **Fertilisers from waste water, sewage sludge, sea slime, ooze or similar masses (methods or installations for de-watering, drying or incineration of sludge [C02F11/00](#) [[C9807](#)])**
- C05F7/00B                . [N: Waste water from industrial processing material neither of agricultural nor of animal origin]
- C05F7/02                . from sulfite liquor or other waste lyes from the manufacture of cellulose
- C05F7/04                . from waste liquors in the potash industry
- C05F9/00**                    **Fertilisers from household or town refuse**
- C05F9/02                . Apparatus for the manufacture
- C05F9/04                . Biological compost
- C05F11/00**                **Other organic fertilisers**
- C05F11/02                . from peat, brown coal, and similar vegetable deposits
- C05F11/04                . . Horticultural earth ("Gärtnerische Erden") from peat
- C05F11/06                . . Apparatus for the manufacture
- C05F11/08                . Organic fertilisers containing added bacterial cultures, mycelia or the like
- C05F11/10                . Fertilisers containing plant vitamins or hormones
- C05F17/00**                **Preparation of fertilisers characterised by the composting step**
- C05F17/00B              . [N: in concurrence with invertebrata, (e.g. worms, flies, maggots)]
- C05F17/00D              . [N: Processing of liquids or slurries]
- C05F17/00F              . [N: Multi-step composting process, (e.g. anaerobic-aerobic)]
- C05F17/00H              . [N: Activators/stimulators for composting process]
- C05F17/00K              . [N: Adding/removing compounds to/from the process streams other than water and air]
- C05F17/00K2             . . [N: the process stream being a gas]
- C05F17/00M              . [N: adding/removing heat to/from the composting process]
- C05F17/00P              . [N: with process parameter responsive control]
- C05F17/00S              . [N: using irradiation, (e.g. solar, nuclear) or electric or magnetic fields]
- C05F17/00V              . [N: Elimination of harmful substances, the end product being a fertilizer]

- C05F17/02 . Apparatus therefor
- C05F17/02B . . [N: Small scale installations, i.e. no provisions for mechanically feeding or removing of material from installations, e.g. bins, garden composters] [C9410]
- C05F17/02D . . [N: Portable or transportable devices, e.g. transport containers, trucks]
- C05F17/02F . . [N: Systematic, essentially horizontal displacement of material from entrance to exit of installation]
- C05F17/02F2 . . . [N: Cylinders; Drums] [C9410]
- C05F17/02F4 . . . [N: Tunnels]
- C05F17/02F6 . . . [N: Mixing or moving equipment following predetermined, fixed paths, e.g. rails, cables]
- C05F17/02F8 . . . [N: Mixing and moving equipment not restricted by rails, cables or the like]
- C05F17/02H . . [N: Systematic, essentially vertical displacement of material from entrance to exit of installation]
- C05F17/02H2 . . . [N: the material going from platform to platform] [C9410]
- C05F17/02K . . [N: Parts or details of composting apparatus, e.g. floors, covers, doors]
- C05F17/02K2 . . . [N: Details regulating incoming and outgoing process streams from apparatus]
- C05F17/02K2C . . . . [N: the process stream being a gas stream, e.g. aeration patterns] [N9410]
- C05F17/02K2E . . . . [N: the process stream being a liquid stream, e.g. humidification details] [N9410]
- C05F17/02K4 . . . [N: Devices for measuring process parameters, e.g. temperature, pressure, water content] [C9410]
- C05F17/02M . . [N: Flow sheets for composting process]
- C05F17/02P . . [N: Installation consisting of individual composting reactors in series]