CPC  COOPERATIVE PATENT CLASSIFICATION

C  CHEMISTRY; METALLURGY
(NOTES omitted)

CHEMISTRY

C05  FERTILISERS; MANUFACTURE THEREOF
(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 in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

C05F 15/00 covered by
C05F 1/00-C05F 11/00
(see also internal note after the title of class C05)

1/00  Fertilisers made from animal corpses, or parts thereof
1/002  . from fish or from fish-wastes
1/005  . from meat-wastes or from other wastes of animal origin, e.g. skins, hair, hoofs, feathers, blood
1/007  . from derived products of animal origin or their wastes, e.g. leather, dairy products
1/02  . Apparatus for the manufacture

3/00  Fertilisers from human or animal excrements, e.g. manure
3/02  . Guano
3/04  . from human faecal masses
3/06  . Apparatus for the manufacture

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
5/002  . (Solid waste from mechanical processing of material, e.g. seed coats, olive pits, almond shells, fruit residue, rice hulls)
5/004  . (Liquid waste from mechanical processing of material, e.g. wash-water, milling fluid, filtrate)
5/006  . (Waste from chemical processing of material, e.g. distillation, roasting, cooking)
5/008  . (Waste from biochemical processing of material, e.g. fermentation, breweries)

7/00  Fertilisers from waste water, sewage sludge, sea slime, ooze or similar masses
7/005  . (Waste water from industrial processing material neither of agricultural nor of animal origin)
7/02  . from sulfite liquor or other waste lyes from the manufacture of cellulose
7/04  . from waste liquors in the potash industry

9/00  Fertilisers from household or town refuse
9/02  . Apparatus for the manufacture

9/04  . Biological compost
11/00  Other organic fertilisers
11/02  . from peat, brown coal, and similar vegetable deposits
11/04  . Horticultural earth from peat (growth substrates containing peat A01G 24/28)

WARNING
Group C05F 11/04 is impacted by reclassification into group A01G 24/28.
Groups C05F 11/04 and A01G 24/28 should be considered in order to perform a complete search.

11/06  . Apparatus for the manufacture
11/08  . Organic fertilisers containing added bacterial cultures, mycelia or the like
11/10  . Fertilisers containing plant vitamins or hormones

17/00  Preparation of fertilisers characterised by biological or biochemical treatment steps, e.g. composting or fermentation
17/05  . Treatments involving invertebrates, e.g. worms, flies or maggots
17/10  . Addition or removal of substances other than water or air to or from the material during the treatment (for activating or stimulating the treatment C05F 17/20)
17/15  . (the material being gas)
17/20  . using specific microorganisms or substances, e.g. enzymes, for activating or stimulating the treatment (use of invertebrates C05F 17/05)
17/30  . using irradiation, e.g. solar or nuclear radiation; using electric or magnetic fields
17/40  . Treatment of liquids or slurries
17/50  . Treatments combining two or more different biological or biochemical treatments, e.g. anaerobic and aerobic treatment or vermicomposting and aerobic treatment
17/60  . Heating or cooling during the treatment
17/70  . Controlling the treatment in response to process parameters
17/80  . Separation, elimination or disposal of harmful substances during the treatment
17/90  . Apparatus therefor
17/907 . . Small-scale devices without mechanical means for feeding or discharging material, e.g. garden compost bins
17/914 . . Portable or transportable devices, e.g. transport containers or trucks
17/921 . . Devices in which the material is conveyed essentially horizontally between inlet and discharge means
17/929 . . . Cylinders or drums
17/936 . . . Tunnels
17/939 . . . [Means for mixing or moving with predetermined or fixed paths, e.g. rails or cables]
17/943 . . . Means for combined mixing and conveying
17/95  . . Devices in which the material is conveyed essentially vertically between inlet and discharge means
17/955 . . . [the material going from platform to platform]
17/957 . . . using two or more serially arranged devices
17/964 . . . Constructional parts, e.g. floors, covers or doors
17/971 . . . for feeding or discharging materials to be treated; for feeding or discharging other material
17/979 . . . the other material being gaseous
17/986 . . . the other material being liquid
17/989 . . . [Flow sheets for biological or biochemical treatment]
17/993 . . . Arrangements for measuring process parameters, e.g. temperature, pressure or humidity