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
Small scale installations, i.e. no provisions for mechanically feeding or removing of material from installations, e.g. bins, garden composters

Portable or transportable devices, e.g. transport containers, trucks

Systematic, essentially horizontal displacement of material from entrance to exit of installation

[Cylinders; Drums]

[Tunnels]

Mixing or moving equipment following predetermined, fixed paths, e.g. rails, cables

Mixing and moving equipment not restricted by rails, cables or the like

Systematic, essentially vertical displacement of material from entrance to exit of installation

[the material going from platform to platform]

[Parts or details of composting apparatus, e.g. floors, covers, doors]

[Details regulating incoming and outgoing process streams from apparatus]

[the process stream being a gas stream, e.g. aeration patterns]

[the process stream being a liquid stream, e.g. humidification details]

[Devices for measuring process parameters, e.g. temperature, pressure, water content]

[Flow sheets for composting process]

[Installation consisting of individual composting reactors in series]