

Title (en)
INSTALLATION FOR THE TREATMENT OF SOLID RESIDUES

Publication
EP 0206803 A3 19880113 (EN)

Application
EP 86304828 A 19860623

Priority
ES 544453 A 19850621

Abstract (en)
[origin: EP0206803A2] Solid residues received in a bunker (1) are driven to a hopper (2) with a bag tearing device and are deposited on a conveyor (3) with a device for controlling the maximum height of the residues. Glass is removed on the belt (3) and the remaining residues pass to a hammer mill (4) from which the ground elements are collected by a conveyor (5) passing a suction device (6) removing light materials. The remaining materials continue past an electromagnet (9) which separates ferromagnetic material. The remaining material mostly organic matter, is introduced into a hopper (10) which feeds pyrolysis reactors by means of a conveyor (11) with a device for adjusting the maximum height of the residues. The reactors are connected to a suction line including a gas heater, a tar condensor, a water condensor, a chemical gas washing system, and a light solvent separating system. Non-condensable gas is recycled as a combustible gas in the installation.

IPC 1-7
B03B 9/06

IPC 8 full level
B03B 9/06 (2006.01)

CPC (source: EP)
B03B 9/06 (2013.01)

Citation (search report)

- [A] FR 2247287 A1 19750509 - AMERICAN CAN CO [US]
- [A] EP 0118310 A2 19840912 - HALL EARL W [US], et al
- [A] FR 2496495 A1 19820625 - ORFA AG [CH]
- [A] FR 2487221 A1 19820129 - SOCEA BALENCY SOBEA [FR]
- [A] US 4098464 A 19780704 - NIEDNER PETER, et al
- [A] US 3236604 A 19660222 - PIERSON NORMAN A
- [A] EP 0144535 A2 19850619 - DEUTSCHE KOMMUNAL ANLAGEN [DE]
- [A] FR 2322660 A1 19770401 - COMBUSTION EQUIP ASS [US]

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0206803 A2 19861230; EP 0206803 A3 19880113; ES 544453 A0 19860716; ES 8609667 A1 19860716

DOCDB simple family (application)
EP 86304828 A 19860623; ES 544453 A 19850621