

Title (en)

Installation for the treatment of solid residues.

Title (de)

Einrichtung zur Behandlung von festen Rückständen.

Title (fr)

Installation pour le traitement de résidus solides.

Publication

EP 0206803 A2 19861230 (EN)

Application

EP 86304828 A 19860623

Priority

ES 544453 A 19850621

Abstract (en)

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)

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