

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)

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