

Title (en)

DEVICE AND METHOD FOR SEPARATING PLANAR AND THREE-DIMENSIONAL SOLIDS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TRENNEN VON FLÄCHIGEN UND KÖRPERFÖRMIGEN FESTSTOFFEN

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT DE SÉPARER DES SOLIDES BIDIMENSIONNELS ET TRIDIMENSIONNELS

Publication

**EP 2461916 B1 20150408 (DE)**

Application

**EP 09763826 A 20091023**

Priority

- DE 102009035930 A 20090903
- DE 202009011601 U 20090826
- DE 2009001493 W 20091023

Abstract (en)

[origin: WO2011015165A1] The present invention relates to a device or a separating drum (1) for separating planar and three-dimensional solids, and light and heavy solids, which device or separating drum can be installed and integrated in existing systems (15) for separating different material streams, such as garbage and waste. The separating drum (1) is substantially composed of a cylindrical shell having openings (A, A', A''), the end faces of which cylindrical shell are closed with fixed plates (8, 8'). The inner volume of the separating drum (1) is divided into an overpressure area (E) and a vacuum area (D) by means of a partition (10, 10'), whereby the separation of planar and three-dimensional solids is at least partially effected.

IPC 8 full level

**B07B 13/00** (2006.01); **B07B 13/08** (2006.01)

CPC (source: EP)

**B07B 13/003** (2013.01); **B07B 13/08** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011015165 A1 20110210**; DE 112009005170 A5 20120920; EP 2461916 A1 20120613; EP 2461916 B1 20150408

DOCDB simple family (application)

**DE 2009001493 W 20091023**; DE 112009005170 T 20091023; EP 09763826 A 20091023