

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

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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.

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