Title (en)

Method and device for separating residual materials

Title (de)

Verfahren und Vorrichtung zum Trennen von Reststoffen

Title (fr)

Procédé et dispositif destinés à la séparation de résidus

Publication

EP 1882529 B1 20141029 (DE)

Application

EP 07012149 A 20070621

Priority

DE 102006035260 A 20060726

Abstract (en)

[origin: EP1882529A1] The method involves separating residual substances (4) into two fractions. The residual substances from a waste treatment plant are delivered in dried form and separated into a fine fraction and a crude fraction. The residual substances are discharged downward under application of a shaking movement to cascade shaped channels, and intermediate free fall distances at a level. The fine fraction is discharged by a gas flow (9) within the range of the free fall distances. The rough fraction with the exception of the fine fraction, is discharged by the down wind runs through the cascade. An independent claim is also included for a device for the separation of residual substances from a thermal waste treatment.

IPC 8 full level

B07B 4/00 (2006.01); **B07B 4/02** (2006.01); **B07B 4/04** (2006.01)

CPC (source: EP US)

B07B 4/04 (2013.01 - EP US)

Cited by

EP2778523A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1882529 A1 20080130; **EP 1882529 B1 20141029**; CA 2590890 A1 20080126; CA 2590890 C 20140408; DE 102006035260 A1 20080131; DK 1882529 T3 20141124; ES 2523584 T3 20141127; JP 2008043942 A 20080228; JP 5618114 B2 20141105; PL 1882529 T3 20150130; PT 1882529 E 20141117; US 2008023374 A1 20080131; US 2011180460 A1 20110728; US 7971724 B2 20110705; US 8251226 B2 20120828

DOCDB simple family (application)

EP 07012149 A 20070621; CA 2590890 A 20070530; DE 102006035260 A 20060726; DK 07012149 T 20070621; ES 07012149 T 20070621; JP 2007188782 A 20070719; PL 07012149 T 20070621; PT 07012149 T 20070621; US 201113065740 A 20110329; US 81155907 A 20070611