

Title (en)
APPARATUS FOR CLASSIFYING CHARGE MATERIAL

Title (de)
VORRICHTUNG ZUM SICHTEN VON AUFGABEGUT

Title (fr)
DISPOSITIF POUR SÉPARER DES MATERIAUX DE CHARGEMENT

Publication
EP 1786573 B1 20100609 (DE)

Application
EP 06791672 A 20060825

Priority
• EP 2006008363 W 20060825
• DE 102005045591 A 20050923

Abstract (en)
[origin: DE102005045591A1] The device has a static separator (1) with an inclined aeration base (1a) through which separator gas (2) flows, where the aeration base is arranged in a vertical direction. An inlet opening (3) feeds raw material (9) to the aeration base, and an outlet opening (4) is provided for coarse particles. A downstream dynamic separator (5) has a rotor (5a) and another outlet opening for the separator gas loaded with fine particles. A ratio of breadth to height of the aeration base is 0.6.

IPC 8 full level
B07B 9/02 (2006.01); **B07B 4/08** (2006.01)

CPC (source: EP US)
B07B 4/08 (2013.01 - EP US); **B07B 9/02** (2013.01 - EP US)

Cited by
DE102012109645A1; DE102012109644A1; WO2014056974A1; DE102012109644B4; DE102012109645B4; US9630214B2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008185318 A1 20080807; AT E470514 T1 20100615; BR PI0616336 A2 20110614; BR PI0616336 A8 20150428;
CA 2623147 A1 20070405; CA 2623147 C 20150929; CN 101272871 A 20080924; CN 101272871 B 20130306; DE 102005045591 A1 20070329;
DE 502006007156 D1 20100722; DK 1786573 T3 20101004; EP 1786573 A1 20070523; EP 1786573 B1 20100609; ES 2344022 T3 20100816;
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