

Title (en)  
Gravity sifter

Title (de)  
Schwerkraftsichter

Title (fr)  
Séparateur à force de gravité

Publication  
**EP 2072151 B1 20100324 (DE)**

Application  
**EP 08018775 A 20081028**

Priority  
DE 102007062341 A 20071222

Abstract (en)  
[origin: EP2072151A1] The separator has a canal-like section (14) including a transporting unit (18) transported from an input to a grading region (10) along heavy and light particles (22, 24) to be classified. A closure unit (26) is arranged in and/or on the canal-like section. The closure unit is perpendicularly moved towards a transporting direction and arranged in such a manner to overlies with a section of a transporting material. The closure unit is provided with a cylindrical body (28) and a circular piston ring, and is made of steel.

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

CPC (source: EP US)  
**B07B 4/02** (2013.01 - EP US); **B07B 4/04** (2013.01 - EP US); **B07B 11/06** (2013.01 - EP US)

Cited by  
DE202014104701U1; DE102014102985A1; DE102014102985B4

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2072151 A1 20090624; EP 2072151 B1 20100324**; AT E461758 T1 20100415; AU 2008243090 A1 20090709; AU 2008243090 B2 20100211; CA 2642974 A1 20090622; CA 2642974 C 20110726; DE 102007062341 B3 20090730; DE 502008000472 D1 20100506; DK 2072151 T3 20100517; ES 2340819 T3 20100609; PL 2072151 T3 20100730; PT 2072151 E 20100614; RU 2008144659 A 20100520; RU 2409428 C2 20110120; SI 2072151 T1 20100730; US 2009159513 A1 20090625

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**EP 08018775 A 20081028**; AT 08018775 T 20081028; AU 2008243090 A 20081103; CA 2642974 A 20081104; DE 102007062341 A 20071222; DE 502008000472 T 20081028; DK 08018775 T 20081028; ES 08018775 T 20081028; PL 08018775 T 20081028; PT 08018775 T 20081028; RU 2008144659 A 20081112; SI 200830035 T 20081028; US 26766208 A 20081110