

Title (en)

Grinding device with mill as built in module

Title (de)

Mahlvorrichtung mit Mühle als Einbaumodul

Title (fr)

Dispositif de broyage doté d'un moulin en tant que module intégré

Publication

EP 2138236 A3 20170201 (DE)

Application

EP 09008020 A 20090619

Priority

DE 102008030749 A 20080627

Abstract (en)

[origin: EP2138236A2] The unit has a grinding mill i.e. impact mill, including a set of functional mill components comprising a drive, a shaft, a rotor and a stator, where the mill components are located on a cover (6). The mill includes a pin disc grinding unit or a plate beater grinding unit. The cover includes a cover hinge with hinge bearings that permit hinging of the cover out of a container e.g. filter, and which can be locked by a set of connecting elements. A mill inlet is located on the cover. An air inlet port (35) is connected to the mill inlet by a ducting. An independent claim is also included for a process of comminuting solids with a grinding unit.

IPC 8 full level

B02C 13/282 (2006.01)

CPC (source: EP US)

B02C 13/282 (2013.01 - EP US)

Citation (search report)

- [XY] DE 69324147 T2 19991125 - MELTIC AB BREDARYD [SE]
- [XY] DE 2544496 A1 19770414 - BRUDERHAUS MASCHINEN GMBH
- [XY] DE 1679862 A1 19711118 - MORIN NELSON HENRY
- [I] DE 102006021196 B3 20080214 - HOSOKAWA ALPINE AG [DE]
- [Y] DE 9300910 U1 19930311

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2138236 A2 20091230; EP 2138236 A3 20170201; EP 2138236 B1 20180822; DE 102008030749 A1 20091231;
DE 102008030749 B4 20190307; ES 2694389 T3 20181220; US 2009321547 A1 20091231; US 8061637 B2 20111122

DOCDB simple family (application)

EP 09008020 A 20090619; DE 102008030749 A 20080627; ES 09008020 T 20090619; US 48774509 A 20090619