

Title (en)

Device for grinding dispensed products with stripping elements

Title (de)

Vorrichtung zum Zerkleinern von Aufgabegut mit Abstreifelementen

Title (fr)

Dispositif de broyage de matériaux de chargement dotés d'éléments de démoulage

Publication

EP 2218507 A3 20130828 (DE)

Application

EP 10001077 A 20100203

Priority

DE 102009008448 A 20090211

Abstract (en)

[origin: EP2218507A2] The device has rotors (14, 16) arranged in a housing (2) and comprising number of rotary disks (19). The rotary disks are arranged in axial distance from one another and forming spaces between one another. The rotary disks are fitted on a circumferential side with comminuting tools (21) that interact with additional comminuting tool for performing comminution work. Stationary scraping elements (29) extend into the intermediate spaces in a radial direction. The scraping elements arranged in a dead zone of the rotor with respect to direction of material flow.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/16** (2006.01)

CPC (source: EP US)

B02C 18/146 (2013.01 - EP US); **B02C 18/16** (2013.01 - EP US); **B02C 18/14** (2013.01 - EP US)

Citation (search report)

- [XDY] DE 102005026816 A1 20061221 - VECOPLAN MASCHINENFABRIK GMBH [DE]
- [Y] EP 1459806 A1 20040922 - MATSUI MFG CO [JP]
- [A] DE 20001891 U1 20000504 - HABERMEHL LOTHAR [DE]
- [YA] US 5921482 A 19990713 - CHOU REEMO [TW]

Cited by

CN109700288A; WO2018091008A1

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2218507 A2 20100818; EP 2218507 A3 20130828; EP 2218507 B1 20160518; EP 2218507 B8 20160928; CA 2692911 A1 20100811; CA 2692911 C 20131126; DE 102009008448 A1 20100902; US 2010206970 A1 20100819; US 8201764 B2 20120619

DOCDB simple family (application)

EP 10001077 A 20100203; CA 2692911 A 20100210; DE 102009008448 A 20090211; US 70432810 A 20100211