

Title (en)  
Stirring ball mill

Title (de)  
Rührwerkskugelmühle

Title (fr)  
Broyeur à billes à agitateur

Publication  
**EP 2272591 B1 20130911 (DE)**

Application  
**EP 09164693 A 20090706**

Priority  
EP 09164693 A 20090706

Abstract (en)  
[origin: EP2272591A1] The stirring ball mill (1) has product inlet and outlet at the both ends of grinding cavity (10). A stirrer (13) which extends to the grinding cavity has a stirring device (131) which makes the grinder and the ground or dispersed material to move in the grinding cavity. The gas outlet (140) is located at the central region of the outlet end of the grinding cavity. The gaseous component of the non-grinder element is discharged out of the grinding cavity through the gas outlet.

IPC 8 full level  
**B02C 17/16** (2006.01)

CPC (source: EP KR US)  
**B01F 27/70** (2022.01 - KR); **B02C 13/06** (2013.01 - KR); **B02C 17/16** (2013.01 - EP KR US); **B02C 17/163** (2013.01 - KR);  
**B02C 23/08** (2013.01 - KR)

Cited by  
EP2905080A1; US10464069B2

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

DOCDB simple family (publication)  
**EP 2272591 A1 20110112; EP 2272591 B1 20130911**; CN 101890388 A 20101124; CN 101890388 B 20130213; DK 2272591 T3 20131216;  
ES 2432617 T3 20131204; JP 2011016128 A 20110127; JP 5763307 B2 20150812; KR 101667820 B1 20161028; KR 20110004313 A 20110113;  
PL 2272591 T3 20140228; US 2011000993 A1 20110106; US 8118247 B2 20120221

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KR 20100064635 A 20100706; PL 09164693 T 20090706; US 82817310 A 20100630