

Title (en)  
Stirring ball mill

Title (de)  
Rührwerkskugelmühle

Title (fr)  
Broyeur à billes à agitateur

Publication  
**EP 2692445 A3 20170614 (DE)**

Application  
**EP 13003736 A 20130726**

Priority  
DE 102012107005 A 20120731

Abstract (en)  
[origin: EP2692445A2] The method involves introducing a fluid (14) in a grinding container (16) over an agitator (12), where the fluid is introduced to the grinding elements (18,19). The latter grinding element is connected upstream of an outlet area (28). The fluid is introduced between the grinding elements. The fluid is moved in the grinding container with a certain speed. The flow of fluid and grinding stock is conveyed by a separating unit (20) from the grinding container. An independent claim is included for an agitator ball mill with an air classifier.

IPC 8 full level  
**B02C 17/16** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP)  
**B02C 17/163** (2013.01); **B02C 17/186** (2013.01); **B02C 17/188** (2013.01)

Citation (search report)

- [XYI] JP 3165628 B2 20010514
- [X] SU 594294 A2 19780225 - VNII KREPLENIYU SKVAZHIN BUROV [SU]
- [X] DD 295566 A5 19911107 - SERVO S P A [IT]
- [YD] DE 1288890 B 19690206 - DRAISWERKE GMBH

Cited by  
CN112808393A

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2692445 A2 20140205; EP 2692445 A3 20170614**; CN 103567028 A 20140212; CN 103567028 B 20161019;  
DE 102012107005 A1 20140522

DOCDB simple family (application)  
**EP 13003736 A 20130726**; CN 201310328674 A 20130731; DE 102012107005 A 20120731