

Title (en)
STIRRING BALL MILL

Title (de)
RÜHRWERKSKUGELMÜHLE

Title (fr)
BROYEUR À BOULETS AVEC AGITATEUR

Publication
EP 2632599 A2 20130904 (DE)

Application
EP 11805377 A 20111018

Priority
• DE 102010049827 A 20101027
• DE 2011001864 W 20111018

Abstract (en)
[origin: WO2012055388A2] The stirring ball mill according to the invention for milling dry or not dry substances is provided with a milling container. The milling container is provided with an inlet for the material to be milled, a fluid inlet, and a material outlet, wherein the outlet area is provided with a strainer. A stirring shaft, on which a plurality of milling elements are arranged, extends in the center or near the center of the milling container. The milling container is at least partially filled with milling aid elements. A first cage is associated with the inlet area of the stirring ball mill, and a second cage is associated with the outlet area.

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

CPC (source: BR EP KR US)
B02C 17/16 (2013.01 - BR KR US); **B02C 17/161** (2013.01 - EP US); **B02C 17/163** (2013.01 - EP US); **B02C 17/18** (2013.01 - BR EP KR US); **B02C 17/183** (2013.01 - EP US); **B02C 17/1875** (2013.01 - EP US)

Citation (search report)
See references of WO 2012055388A2

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

DOCDB simple family (publication)
DE 102010049827 A1 20120503; BR 112013009720 A2 20160719; BR 112013009720 B1 20200728; CN 103189142 A 20130703; CN 103189142 B 20140820; EP 2632599 A2 20130904; EP 2632599 B1 20170802; JP 2013540584 A 20131107; JP 5710772 B2 20150430; KR 101575027 B1 20151221; KR 20130118886 A 20131030; RU 2013123787 A 20141210; RU 2571069 C2 20151220; US 2013233953 A1 20130912; US 8702023 B2 20140422; WO 2012055388 A2 20120503; WO 2012055388 A3 20120628

DOCDB simple family (application)
DE 102010049827 A 20101027; BR 112013009720 A 20111018; CN 201180052008 A 20111018; DE 2011001864 W 20111018; EP 11805377 A 20111018; JP 2013535278 A 20111018; KR 20137013382 A 20111018; RU 2013123787 A 20111018; US 201313871615 A 20130426