

Title (en)
MILL

Title (de)
MÜHLE

Title (fr)
BROYEUR

Publication
EP 3541523 B1 20200715 (DE)

Application
EP 17800435 A 20171102

Priority
• DE 102016121926 A 20161115
• EP 2017078060 W 20171102

Abstract (en)
[origin: WO2018091276A1] A mill (10), in particular a pendulum mill or roller mill, having a classifier (100) is described, wherein the mill (10) has a mill housing (20) with an interior (20a) in which there is situated a milling space B1 in which a milling device (80) having at least one milling tool (81) is arranged. The classifier (100) is arranged above the milling device (80) in a classifying space B3. At least one drop device (60) is provided which connects the classifying space B3 to the milling space B1. Arranged below the classifier (100) is at least one distribution plate (40) which has at least one drop opening (42) on which the at least one drop device (60) is arranged.

IPC 8 full level
B02C 15/02 (2006.01); **B02C 15/00** (2006.01)

CPC (source: EP KR US)
B02C 15/001 (2013.01 - US); **B02C 15/007** (2013.01 - US); **B02C 15/02** (2013.01 - EP KR US); **B02C 15/045** (2013.01 - US);
B02C 2015/002 (2013.01 - EP KR US)

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 102016121926 A1 20180517; DE 102016121926 B4 20191224; BR 112019009858 A2 20190820; CN 109963654 A 20190702;
CN 109963654 B 20220412; EP 3541523 A1 20190925; EP 3541523 B1 20200715; ES 2816006 T3 20210331; JP 2019535514 A 20191212;
JP 2023015281 A 20230131; JP 7358598 B2 20231010; KR 102560955 B1 20230727; KR 20190077362 A 20190703;
US 11192117 B2 20211207; US 2019344283 A1 20191114; WO 2018091276 A1 20180524

DOCDB simple family (application)

DE 102016121926 A 20161115; BR 112019009858 A 20171102; CN 201780070072 A 20171102; EP 17800435 A 20171102;
EP 2017078060 W 20171102; ES 17800435 T 20171102; JP 2019546980 A 20171102; JP 2022181329 A 20221111;
KR 20197012378 A 20171102; US 201716349342 A 20171102