

Title (en)
IMPROVED BOWL MILL

Title (de)
VERBESSERTE SCHÜSSELMÜHLE

Title (fr)
BROYEUR PENDULAIRE PERFECTIONNÉ

Publication
EP 3370877 B1 20220803 (FR)

Application
EP 16806255 A 20161107

Priority
• FR 1560611 A 20151105
• FR 2016052877 W 20161107

Abstract (en)
[origin: WO2017077258A1] Compression bowl mill allowing mineral substances to be reduced to a fine powder, of the type comprising: - a cylindrical enclosure provided with a horizontal base (bottom); - a ring-shaped element concentric with the enclosure and inside the latter; - a rotary central shaft; - at least two pebbles each mounted with the ability to rotate on a pendular rod; - a connecting system between the central shaft and the pendular structures, fixed by a rigid connection to the central shaft and by pivot connection means between each pendular structure, so as to allow materials situated between the pebbles and the interior wall of the ring to be crushed; - means for supporting and holding the shaft; - means for driving the rotation of the shaft, characterized in that the means for supporting and holding the shaft are external to the enclosure and independent thereof.

IPC 8 full level
B02C 15/02 (2006.01)

CPC (source: EP)
B02C 15/02 (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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