

Title (en)
PENDULUM MILL

Title (de)
PENDELMÜHLE

Title (fr)
BROYEUR À PENDULES

Publication
EP 2391453 B1 20130626 (DE)

Application
EP 10701516 A 20100126

Priority
• EP 2010050847 W 20100126
• DE 102009000442 A 20090127

Abstract (en)
[origin: WO2010086298A2] A pendulum mill (1) is described that comprises a mill housing (2), inside which a drive shaft (44) is arranged. Milling pendulums (82) are suspended at the upper end of the drive shaft (44), while a driving device (40) which is suspended on the bottom wall (30) of the mill housing (20) is disposed at the lower end of the drive shaft (44).

IPC 8 full level
B02C 15/02 (2006.01)

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

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)
DE 102009000442 A1 20100805; DE 102009000442 B4 20110407; BR PI1007436 A2 20160216; BR PI1007436 B1 20200609; CN 102300643 A 20111228; CN 201684640 U 20101229; EP 2391453 A2 20111207; EP 2391453 B1 20130626; ES 2425381 T3 20131015; US 2011278386 A1 20111117; US 8590821 B2 20131126; WO 2010086298 A2 20100805; WO 2010086298 A3 20101014; WO 2010086333 A2 20100805; WO 2010086333 A3 20101014

DOCDB simple family (application)
DE 102009000442 A 20090127; BR PI1007436 A 20100126; CN 201020109076 U 20100126; CN 201080005650 A 20100126; EP 10701516 A 20100126; EP 2010050847 W 20100126; EP 2010050942 W 20100127; ES 10701516 T 20100126; US 201013138264 A 20100126