

Title (en)
VIBRATION MILL HAVING SLIDING GUIDE

Title (de)
SCHWINGMÜHLE MIT GLEITFÜHRUNG

Title (fr)
BROYEUR OSCILLANT AVEC RAIL DE GUIDAGE

Publication
EP 2063993 B1 20100331 (DE)

Application
EP 07803188 A 20070904

Priority
• EP 2007059208 W 20070904
• DE 102006042824 A 20060908
• DE 102007017131 A 20070411

Abstract (en)
[origin: WO2008028897A1] The invention relates to a vibration mill, particularly a disk vibration mill (1), comprising a grinding unit (4) and an oscillating drive (3) by which the grinding unit (4) can be excited to oscillate. As an advantageous development, particularly vertical oscillations and tilting movements of the grinding unit and the associated disadvantages can be largely avoided by providing a holding device (2) to which the oscillating drive (3) is fastened and on which the grinding unit (4) is displaceably mounted plane-parallel to a vibration plane (S) by means of at least one sliding guide (12) engaging the grinding unit (4).

IPC 8 full level
B02C 17/14 (2006.01)

CPC (source: EP)
B02C 17/14 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008028897 A1 20080313; AT E462497 T1 20100415; AU 2007293868 A1 20080313; AU 2007293868 B2 20110421; CN 101553316 A 20091007; CN 101553316 B 20120627; DE 102007017131 A1 20080327; DE 502007003348 D1 20100512; EP 2063993 A1 20090603; EP 2063993 B1 20100331

DOCDB simple family (application)
EP 2007059208 W 20070904; AT 07803188 T 20070904; AU 2007293868 A 20070904; CN 200780041691 A 20070904; DE 102007017131 A 20070411; DE 502007003348 T 20070904; EP 07803188 A 20070904