

Title (en)
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Publication
EP 2271429 B1 20110720 (DE)

Application
EP 09782117 A 20090824

Priority
• EP 2009060878 W 20090824
• DE 102008039541 A 20080825

Abstract (en)
[origin: US2011121117A1] The roller mill according to the invention comprises a grinding table which is arranged for rotation about a mill axis, at least one grinding roller which can be rotated about a grinding roller axis and which is in rolling engagement with the grinding table, and at least one pivot lever which is for retaining the grinding roller and which has a pivot axis, the pivot axis being orientated parallel with or inclined relative to the grinding roller axis. A fixed motor is further connected to the grinding roller via a drive train in order to transmit the drive power, the drive train comprising a drive train which is fixed in position and a drive train which is also movable with the pivot lever. The fixed drive train has a drive element which is in contact with the movable drive train and which is arranged coaxially relative to the pivot axis of the pivot lever. According to another embodiment of the invention, the two drive trains are connected to each other via two bevel wheels, the bevel wheels being arranged in such a manner that the axes of the bevel wheels intersect in the pivot axis.

IPC 8 full level
B02C 15/04 (2006.01)

CPC (source: EP US)
B02C 15/04 (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)
US 2011121117 A1 20110526; US 8616479 B2 20131231; AT E516881 T1 20110815; CN 102112233 A 20110629; CN 102112233 B 20130320; DE 102008039541 A1 20100304; DE 102008039541 B4 20100512; DK 2271429 T3 20111031; EP 2271429 A1 20110112; EP 2271429 B1 20110720; JP 2012500723 A 20120112; JP 5564044 B2 20140730; WO 2010023183 A1 20100304

DOCDB simple family (application)
US 200913055728 A 20090824; AT 09782117 T 20090824; CN 200980131117 A 20090824; DE 102008039541 A 20080825; DK 09782117 T 20090824; EP 09782117 A 20090824; EP 2009060878 W 20090824; JP 2011524348 A 20090824