

Title (en)

ROLLER MILL AND METHOD FOR SIZE REDUCTION OF GROUND MATERIAL

Title (de)

ROLLENMÜHLE UND VERFAHREN ZUR ZERKLEINERUNG VON MAHLGUT

Title (fr)

BROYEUR À CYLINDRES ET PROCÉDÉ POUR LE BROYAGE D'UNE MATIÈRE À BROyer

Publication

EP 2170517 B1 20110105 (DE)

Application

EP 09736554 A 20090730

Priority

- EP 2009059883 W 20090730
- DE 102008036784 A 20080807

Abstract (en)

[origin: WO2010015564A1] The roller mill according to the invention comprises a grinding table (10), at least one grinding roller (11, 12) and at least two motors (drives) (13, 14) with stator and rotor windings for driving the roller mill and is equipped with at least one control device (20, 21) for regulating the motor torque of at least one drive. The control device is connected to the rotor winding (13a, 14a) of at least one drive for the purposes of influencing the rotor current. Further protected is a method for size reduction of ground material using such a roller mill.

IPC 8 full level

B02C 15/00 (2006.01); **B02C 25/00** (2006.01)

CPC (source: EP US)

B02C 15/00 (2013.01 - EP US); **B02C 25/00** (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)

WO 2010015564 A1 20100211; AT E494068 T1 20110115; BR PI0915954 A2 20200818; CN 102112232 A 20110629; CN 102112232 B 20130717; DE 102008036784 A1 20100218; DE 102008036784 B4 20110505; DE 102008036784 C5 20130620; DE 502009000272 D1 20110217; DK 2170517 T3 20110502; DK 2170517 T4 20161107; EP 2170517 A1 20100407; EP 2170517 B1 20110105; EP 2170517 B2 20160720; JP 2011529787 A 20111215; JP 5438764 B2 20140312; MX 2011001213 A 20110304; RU 2011108266 A 20120920; RU 2497593 C2 20131110; US 2011121772 A1 20110526; US 8692495 B2 20140408

DOCDB simple family (application)

EP 2009059883 W 20090730; AT 09736554 T 20090730; BR PI0915954 A 20090730; CN 200980131119 A 20090730; DE 102008036784 A 20080807; DE 502009000272 T 20090730; DK 09736554 T 20090730; EP 09736554 A 20090730; JP 2011521540 A 20090730; MX 2011001213 A 20090730; RU 2011108266 A 20090730; US 200913055183 A 20090730