Title (en)

ROLLING MILL FOR TREATING VISCOUS MASSES

Title (de)

WALZWERK ZUR BEHANDLUNG VISKOSER MASSEN

Title (fr)

LAMINOIR CONÇU POUR TRAITER DES MATIÈRES VISQUEUSES

Publication

EP 2010328 A2 20090107 (DE)

Application

EP 07710820 A 20070326

Priority

- CH 2007000161 W 20070326
- DE 102006019214 A 20060421

Abstract (en)

[origin: WO2007121596A2] The invention relates to a rolling mill and a method for treating viscous masses, in particular, for comminution and homogeneous dispersion of suspended solid particles in a binder. The rolling mill comprises at least two rollers, mounted to rotate about the the longitudinal axes thereof. The rotational axle of a first roller has a fixed mounting whilst the rotational axle of a second roller has a displaceable mounting. The rolling mill further comprises a press device for pressing at least one roller against the other roller and is provided with at least one layer thickness sensor device for recording the value of the layer thickness of the treated viscous mass on a roller. During operation of the rolling mill, the layer thickness sensor records the value for the layer thickness of the treated viscous mass on the roller. The recording of the layer thickness can be carried out continuously.

IPC 8 full level

B02C 4/36 (2006.01)

CPC (source: EP KR)

A23G 1/12 (2013.01 - EP); **B02C 4/36** (2013.01 - EP); **B22F 1/00** (2013.01 - KR); **B22F 3/18** (2013.01 - KR); **G01B 11/0691** (2013.01 - EP)

Citation (search report)

See references of WO 2007121596A2

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 2007121596 A2 20071101; **WO 2007121596 A3 20080228**; CN 101426582 A 20090506; DE 102006019214 A1 20071108; EP 2010328 A2 20090107; JP 2009534169 A 20090924; KR 20090009253 A 20090122

DOCDB simple family (application)

CH 2007000161 W 20070326; CN 200780014378 A 20070326; DE 102006019214 A 20060421; EP 07710820 A 20070326; JP 2009505695 A 20070326; KR 20087028496 A 20081121