

Title (en)

OPERATING METHOD FOR A ROLLER MILL FOR ROLLING FLAT ROLLED GOODS HAVING ROLLER WEAR PREDICTION

Title (de)

BETRIEBSVERFAHREN FÜR EIN WALZWERK ZUM WALZEN VON FLACHEM WALZGUT MIT WALZENVERSCHLEISSPROGNOSE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN LAMINOIR POUR LAMINER DES PRODUITS PLATS À LAMINER AVEC PRONOSTIC DE L'USURE DES CYLINDRES

Publication

EP 2588257 B1 20140416 (DE)

Application

EP 11748920 A 20110817

Priority

- EP 10174297 A 20100827
- EP 2011064153 W 20110817
- EP 11748920 A 20110817

Abstract (en)

[origin: EP2422893A1] The method involves determining an expected current actual wear of a roller by a wear model using actual parameters of flat rolled goods and/or a roll stand based on an initial state of the roller (S1). An expected future actual wear of the roller is determined (S2) by the model using expected actual future parameters of the goods to be rolled in future at a position of future roller run based on the expected current actual wear. The position, the expected future actual wear and/or information derived from the parameters are provided (S3) to an operator of a roller mill. Independent claims are also included for the following: (1) a computer program comprising a machine code for executing a method for operating a roller mill (2) a controlling computer for a roller mill for rolling flat rolled goods.

IPC 8 full level

B21B 38/00 (2006.01)

CPC (source: EP)

B21B 38/00 (2013.01); **B21B 37/00** (2013.01); **B21B 2267/24** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2422893 A1 20120229; CN 103079721 A 20130501; CN 103079721 B 20151021; EP 2588257 A1 20130508; EP 2588257 B1 20140416; PL 2588257 T3 20140930; WO 2012025438 A1 20120301

DOCDB simple family (application)

EP 10174297 A 20100827; CN 201180041473 A 20110817; EP 11748920 A 20110817; EP 2011064153 W 20110817; PL 11748920 T 20110817