

Title (en)

Method for determining the wear on a roller dependent on relative movement

Title (de)

Ermittlungsverfahren für relativbewegungsabhängigen Verschleiß einer Walze

Title (fr)

Procédé de détermination de l'usure dépendant du mouvement relatif d'un cylindre

Publication

EP 2548665 B1 20140212 (DE)

Application

EP 11175028 A 20110722

Priority

EP 11175028 A 20110722

Abstract (en)

[origin: EP2548665A1] The method involves determining roll goods variable (S2) and determining a sliding zone for each of roll goods section based on a set of process variables. The process variables are arranged in connection with roller structure variables of a roller structure. A respective relative movement dependent wear component is determined by taking length of respective sliding zone into account. A relationship is determined for the respective relative movement dependent wear component. Independent claims are also included for the following: (1) a computer program having a set of instructions for performing a method for investigating wear of a roller (2) a rolling mill.

IPC 8 full level

B21B 38/00 (2006.01); **B21C 51/00** (2006.01)

CPC (source: EP)

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

Cited by

US9371630B1; US9868482B2; US9557244B2; US9592866B2; WO2015167018A1; US10286418B2; US9475526B2; WO2020156787A1; US11919059B2; EP3685930A1; WO2020156781A1; US11413669B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2548665 A1 20130123; EP 2548665 B1 20140212; CN 102886385 A 20130123; CN 102886385 B 20150408; PL 2548665 T3 20140731

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