

Title (en)

METHOD FOR RECONDITIONING OF THE WORN SURFACE OF GRINDING ROLLERS OF A MATERIAL BED ROLLER MILL

Title (de)

VERFAHREN ZUR WIEDERAUFARBEITUNG DER VERSCHLISSENEN OBERFLÄCHE VON MAHLWALZEN EINER GUTBETTWALZENMÜHLE

Title (fr)

PROCÉDÉ DE RECONDITIONNEMENT DE LA SURFACE USÉE DES CYLINDRES D'UN BROYEUR À CYLINDRES À LIT DE MATIÈRE

Publication

EP 2385879 B1 20131030 (DE)

Application

EP 11709047 A 20110303

Priority

- EP 2011053169 W 20110303
- DE 102010010431 A 20100305

Abstract (en)

[origin: CA2791405A1] The method according to the invention for reprocessing the worn surface of grinding rollers (2) of a material bed roller mill comprises the following method steps: a. providing a mobile processing station (6) which is arranged in a container (8) and comprises at least one machine tool (9) and a drive (10) for rotating the grinding roller, b. removing the complete roller unit (A) containing the grinding roller to be reprocessed from the material bed roller mill, c. positioning the complete roller unit in front on the mobile processing station and coupling the drive to the shaft (1) of the grinding roller, d. producing a new cylindrical surface (2h) using the machine tool, and e. producing a new wear protection comprising new profiled bodies (2c) and/or build-up welding.

IPC 8 full level

B02C 4/30 (2006.01)

CPC (source: EP US)

B02C 4/305 (2013.01 - EP US); **Y10T 29/49726** (2015.01 - US); **Y10T 29/49728** (2015.01 - US)

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)

DE 102010010431 A1 20110908; DE 102010010431 B4 20120405; CA 2791405 A1 20110909; CA 2791405 C 20171205; DK 2385879 T3 20140120; EP 2385879 A1 20111116; EP 2385879 B1 20131030; MX 2012010234 A 20121009; US 2012315385 A1 20121213; US 8728569 B2 20140520; WO 2011107538 A1 20110909

DOCDB simple family (application)

DE 102010010431 A 20100305; CA 2791405 A 20110303; DK 11709047 T 20110303; EP 11709047 A 20110303; EP 2011053169 W 20110303; MX 2012010234 A 20110303; US 201113580709 A 20110303