

Title (en)

METHOD FOR RECONDITIONING A USED GRINDING ROLLER

Title (de)

VERFAHREN ZUR WIEDERAUFARBEITUNG EINER GEBRAUCHTEN MAHLWALZE

Title (fr)

PROCÉDÉ DE RECONDITIONNEMENT D'UN CYLINDRE DE BROYAGE USÉ

Publication

**EP 2117716 A1 20091118 (DE)**

Application

**EP 07857825 A 20071219**

Priority

- EP 2007064203 W 20071219
- DE 102007012102 A 20070313

Abstract (en)

[origin: US8316543B2] The invention relates to a method for reconditioning a used grinding roller of a material bed roller mill having profile-members which are embedded, with a portion of the length thereof, in holes of the roller body and, with the remainder of the length thereof, project above the surface of the roller body. For the reconditioning operation, after the worn profile-members are removed, the worn surface of the roller body is turned, and a material layer is applied in a welding operation and is provided with holes for receiving new profile-members. Such a method allows particularly cost-effective reconditioning.

IPC 8 full level

**B02C 4/30** (2006.01)

CPC (source: EP US)

**B02C 4/305** (2013.01 - EP US); **Y10T 29/49545** (2015.01 - EP US); **Y10T 29/49561** (2015.01 - EP US); **Y10T 29/49723** (2015.01 - EP US); **Y10T 29/49726** (2015.01 - EP US)

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

DOCDB simple family (publication)

**US 2010058570 A1 20100311**; **US 8316543 B2 20121127**; AT E482030 T1 20101015; AU 2007349090 A1 20080918; AU 2007349090 B2 20110331; BR PI0720763 A2 20140121; BR PI0720763 A8 20150428; CA 2675213 A1 20080918; CA 2675213 C 20140218; CL 2008000699 A1 20080922; CN 101594938 A 20091202; CN 101594938 B 20120201; DE 102007012102 A1 20080918; DE 502007005162 D1 20101104; DK 2117716 T3 20110110; EP 2117716 A1 20091118; EP 2117716 B1 20100922; MX 2009007504 A 20090717; PE 20081815 A1 20090219; RU 2009131752 A 20110420; RU 2446888 C2 20120410; WO 2008110224 A1 20080918; ZA 200905496 B 20100428

DOCDB simple family (application)

**US 52969207 A 20071219**; AT 07857825 T 20071219; AU 2007349090 A 20071219; BR PI0720763 A 20071219; CA 2675213 A 20071219; CL 2008000699 A 20080307; CN 200780049344 A 20071219; DE 102007012102 A 20070313; DE 502007005162 T 20071219; DK 07857825 T 20071219; EP 07857825 A 20071219; EP 2007064203 W 20071219; MX 2009007504 A 20071219; PE 2008000285 A 20080208; RU 2009131752 A 20071219; ZA 200905496 A 20090806