

Title (en)

METHOD FOR RECONDITIONING A USED GRINDING ROLL

Title (de)

VERFAHREN ZUR WIEDERAUFARBEITUNG EINER GEBRAUCHTEN MAHLWALZE

Title (fr)

PROCÉDÉ DE RECONDITIONNEMENT D'UN CYLINDRE BROYEUR USÉ

Publication

**EP 1899071 B1 20100728 (DE)**

Application

**EP 07725497 A 20070523**

Priority

- EP 2007004597 W 20070523
- DE 102006028546 A 20060621

Abstract (en)

[origin: WO2007147474A1] The invention relates to a method for reconditioning a used grinding roll of a high-pressure bed grinding mill. In said method, the surface of the rolling body is turned by a certain degree after removing the worn profiled members, whereupon the existing bores can be deepened to a depth that is sufficient for receiving new profiled members or new bores can be created according to a new bore pattern. New profiled members are then inserted into the bores. The inventive method allows a used grinding roll to be reconditioned in a particularly time-saving manner while economizing material.

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)

Designated contracting state (EPC)

DE DK

DOCDB simple family (publication)

**DE 102006028546 A1 20071227**; AU 2007263387 A1 20071227; AU 2007263387 B2 20101104; BR PI0708406 A2 20110531; BR PI0708406 A8 20150428; CA 2643959 A1 20071227; CA 2643959 C 20140708; DE 502007004541 D1 20100909; DK 1899071 T3 20101101; EP 1899071 A1 20080319; EP 1899071 B1 20100728; PE 20080623 A1 20080514; RU 2008142420 A 20100427; RU 2427426 C2 20110827; US 2009178280 A1 20090716; WO 2007147474 A1 20071227; ZA 200806297 B 20091028

DOCDB simple family (application)

**DE 102006028546 A 20060621**; AU 2007263387 A 20070523; BR PI0708406 A 20070523; CA 2643959 A 20070523; DE 502007004541 T 20070523; DK 07725497 T 20070523; EP 07725497 A 20070523; EP 2007004597 W 20070523; PE 2007000744 A 20070613; RU 2008142420 A 20070523; US 30551007 A 20070523; ZA 200806297 A 20080718