

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 A1 20080319 (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)

Citation (search report)

See references of WO 2007147474A1

Designated contracting state (EPC)

DE DK

Designated extension state (EPC)

AL BA HR MK YU

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