

Title (en)

GRINDING ROLLER AND METHOD FOR THE RECONDITIONING THEREOF

Title (de)

MAHLWALZE SOWIE VERFAHREN ZUR WIEDERAUFGARBEITUNG

Title (fr)

CYLINDRE BROYEUR ET PROCÉDÉ DE RÉUSINAGE

Publication

EP 2059342 B1 20120111 (DE)

Application

EP 08735484 A 20080326

Priority

- EP 2008053559 W 20080326
- DE 102007018090 A 20070417

Abstract (en)

[origin: CA2665078A1] The invention relates to a grinding roller of a high-pressure bed roller mill with profiled members (2', 3', 4') a part of the length of which is inserted into bores (12, 13, 14) of the roller body (1'), and the remaining part of the length of which projects over the surface of the roller body (1'), wherein in the novel state of the grinding roller, the bores (12, 13, 14) have varying depths in differently occupied parts of the width of the roller body, and the profiled members (2', 3', 4') have varying lengths. With this type of design, with low cost production is achieved long service life of the roller and cost-effective reconditioning after operation-related wear.</SDO AB>

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 102007018090 A1 20081023; AU 2008238100 A1 20081023; AU 2008238100 B2 20111027; BR PI0805847 A2 20110830; BR PI0805847 A8 20150428; BR PI0805847 B1 20190924; CA 2665078 A1 20081023; CA 2665078 C 20140429; CL 2008001026 A1 20081024; CN 101583428 A 20091118; CN 101583428 B 20121024; DK 2059342 T3 20120514; EP 2059342 A1 20090520; EP 2059342 B1 20120111; MX 2009004234 A 20090525; PE 20090010 A1 20090322; RU 2009142203 A 20110527; RU 2452576 C2 20120610; US 2010059614 A1 20100311; US 7946518 B2 20110524; WO 2008125445 A1 20081023; ZA 200901722 B 20100224

DOCDB simple family (application)

DE 102007018090 A 20070417; AU 2008238100 A 20080326; BR PI0805847 A 20080326; CA 2665078 A 20080326; CL 2008001026 A 20080410; CN 200880001144 A 20080326; DK 08735484 T 20080326; EP 08735484 A 20080326; EP 2008053559 W 20080326; MX 2009004234 A 20080326; PE 2008000656 A 20080416; RU 2009142203 A 20080326; US 51529508 A 20080326; ZA 200901722 A 20090311