

Title (en)

GRINDING ROLLER COMPRISING HARD ELEMENTS EMBEDDED IN THE SURFACE

Title (de)

MAHLWALZE MIT IN DIE OBERFLÄCHE EINGESETZTEN HARTKÖRPERN

Title (fr)

CYLINDRE BROYEUR DOTÉ DE CORPS DURS INSÉRÉS DANS LA SURFACE

Publication

EP 2723498 B1 20161012 (DE)

Application

EP 12728402 A 20120619

Priority

- DE 102011104854 A 20110621
- EP 2012002576 W 20120619

Abstract (en)

[origin: WO2012175189A2] The invention relates to a grinding roller comprising hard bodies (100) embedded in the surface (102) for fixing a material bed. According to the invention, it is proposed that the hard bodies (100) are received in a sleeve (105) respectively and are embedded in the surface (102). As a result, the sleeves can be removed more easily from the surface after use and wear of the grinding roller for restoring the surface.

IPC 8 full level

B02C 4/30 (2006.01)

CPC (source: EP RU US)

B02C 4/30 (2013.01 - US); **B02C 4/305** (2013.01 - EP RU US); **Y10T 29/49821** (2015.01 - EP US); **Y10T 29/49822** (2015.01 - EP 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 102011104854 A1 20121227; DE 102011104854 B4 20150611; AU 2012272186 A1 20140109; AU 2017225143 A1 20171005;
AU 2017225143 B2 20190718; CN 103619481 A 20140305; CN 103619481 B 20160113; CN 105032544 A 20151111; DK 2723498 T3 20170130;
EP 2723498 A2 20140430; EP 2723498 B1 20161012; RU 2013155992 A 20150727; RU 2604508 C2 20161210; US 2014183291 A1 20140703;
WO 2012175189 A2 20121227; WO 2012175189 A3 20130523

DOCDB simple family (application)

DE 102011104854 A 20110621; AU 2012272186 A 20120619; AU 2017225143 A 20170908; CN 201280030328 A 20120619;
CN 201510568483 A 20120619; DK 12728402 T 20120619; EP 12728402 A 20120619; EP 2012002576 W 20120619;
RU 2013155992 A 20120619; US 201214128768 A 20120619