

Title (en)
MICROFIBER REINFORCEMENT FOR ABRASIVE TOOLS

Title (de)
MIKROFASERVERSTÄRKUNG FÜR SCHLEIFWERKZEUGE

Title (fr)
REINFORCEMENT À MICROFIBRES POUR OUTILS ABRASIFS

Publication
EP 2747942 A4 20150408 (EN)

Application
EP 12825970 A 20120824

Priority
• US 201113216534 A 20110824
• US 2012052196 W 20120824

Abstract (en)
[origin: US2012100784A1] An abrasive article includes an organic bond material, an abrasive material dispersed in the organic bond material, mineral wool microfibers uniformly dispersed in the organic bond material, the mineral wool microfibers being individual filaments, one or more reinforcement and/or chopped strand fibers dispersed in the organic bond material and one or more active fillers including, for example, a manganese compound. The abrasive article can be used in the abrasive processing of a workpiece.

IPC 8 full level
B24D 3/20 (2006.01); **C09C 1/68** (2006.01); **C09K 3/14** (2006.01)

CPC (source: EP US)
B24D 3/342 (2013.01 - EP US); **B24D 7/04** (2013.01 - EP US); **B24D 11/00** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2013028945A1

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)
US 2012100784 A1 20120426; BR 112014003365 A2 20170301; CA 2844499 A1 20130228; CN 103747919 A 20140423; CN 103747919 B 20161207; EP 2747942 A1 20140702; EP 2747942 A4 20150408; EP 2747942 B1 20160427; ES 2578064 T3 20160720; JP 2014524358 A 20140922; JP 5734522 B2 20150617; KR 101602639 B1 20160311; KR 20140061445 A 20140521; MX 2014002042 A 20140425; PL 2747942 T3 20161130; RU 2014109686 A 20150927; SI 2747942 T1 20161028; WO 2013028945 A1 20130228

DOCDB simple family (application)
US 201113216534 A 20110824; BR 112014003365 A 20120824; CA 2844499 A 20120824; CN 201280039625 A 20120824; EP 12825970 A 20120824; ES 12825970 T 20120824; JP 2014526278 A 20120824; KR 20147006609 A 20120824; MX 2014002042 A 20120824; PL 12825970 T 20120824; RU 2014109686 A 20120824; SI 201230624 A 20120824; US 2012052196 W 20120824