

Title (en)

ABRASIVE ARTICLE COMPRISING ABRASIVE PARTICLES OF A COMPOSITE COMPOSITION

Title (de)

SCHLEIFARTIKEL MIT SCHLEIFPARTIKELN AUS EINER VERBUNDSTOFFZUSAMMENSETZUNG

Title (fr)

ARTICLE ABRASIF COMPORTANT DES PARTICULES ABRASIVES D'UNE COMPOSITION DE COMPOSITE

Publication

EP 2922662 A1 20150930 (EN)

Application

EP 13856243 A 20131120

Priority

- US 201261728496 P 20121120
- US 2013071003 W 20131120

Abstract (en)

[origin: US2014137482A1] An abrasive article has a body including an abrasive portion with a bond material, abrasive particles contained in the bond material, and a reinforcing member contained in the body. The abrasive portion can have a fracture propagation toughness WOF of at least about 5 kJ/m². The reinforcing member can have openings with an open area of not greater than about 100 mm² within a major plane of the reinforcing member.

IPC 8 full level

B24D 3/20 (2006.01); **B24D 5/04** (2006.01)

CPC (source: CN EP US)

B24D 3/34 (2013.01 - CN EP US); **B24D 5/04** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2014081828A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2014137482 A1 20140522; AR 093483 A1 20150610; CN 104781047 A 20150715; EP 2922662 A1 20150930; JP 2015533670 A 20151126; KR 20150082555 A 20150715; RU 2015121784 A 20170110; TW 201420277 A 20140601; TW I491471 B 20150711; WO 2014081828 A1 20140530

DOCDB simple family (application)

US 201314085335 A 20131120; AR P130104188 A 20131114; CN 201380058304 A 20131120; EP 13856243 A 20131120; JP 2015542051 A 20131120; KR 20157015043 A 20131120; RU 2015121784 A 20131120; TW 102142104 A 20131119; US 2013071003 W 20131120