

Title (en)

COATED ABRASIVE ARTICLE AND METHOD OF MAKING THE SAME

Title (de)

BESCHICHTETER SCHLEIFARTIKEL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ARTICLE ABRASIF REVÊTU ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 3057739 A4 20170628 (EN)**

Application

**EP 14853327 A 20141013**

Priority

- US 201361892996 P 20131018
- US 2014060253 W 20141013

Abstract (en)

[origin: WO2015057562A1] A structured abrasive article is contacted by a laser beam to create microporous surface regions over a portion of the abrading surface to make a coated abrasive article that includes a backing and an abrasive layer comprising abrasive composites secured to the backing.

IPC 8 full level

**B24D 3/02** (2006.01); **B24D 3/20** (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP KR US)

**B24B 37/22** (2013.01 - US); **B24D 3/02** (2013.01 - KR); **B24D 3/20** (2013.01 - EP US); **B24D 11/001** (2013.01 - EP KR US);  
**B24D 2203/00** (2013.01 - EP KR US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2015057562A1

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)

**WO 2015057562 A1 20150423**; CN 105636746 A 20160601; CN 105636746 B 20171013; EP 3057739 A1 20160824; EP 3057739 A4 20170628;  
EP 3057739 B1 20201209; JP 2016539011 A 20161215; KR 20160071416 A 20160621; US 2016263722 A1 20160915

DOCDB simple family (application)

**US 2014060253 W 20141013**; CN 201480056535 A 20141013; EP 14853327 A 20141013; JP 2016524087 A 20141013;  
KR 20167012258 A 20141013; US 201415028682 A 20141013