

Title (en)

COATED ABRASIVE ARTICLE BASED ON A SUNFLOWER PATTERN

Title (de)

BESCHICHTETER SCHLEIFARTIKEL AUF DER BASIS EINES SONNENBLUMENMUSTERS

Title (fr)

ARTICLE ABRASIF REVÊTU BASÉ SUR UN MOTIF DE TOURNESOL

Publication

EP 3013528 A4 20170125 (EN)

Application

EP 14818646 A 20140627

Priority

- US 201361840854 P 20130628
- US 2014044591 W 20140627

Abstract (en)

[origin: US2015004889A1] An abrasive article having a plurality of abrasive areas arranged in a non-uniform distribution pattern, wherein the pattern is spiral or phyllotactic, such as a spiral lattice, and in particular those patterns described by the Vogel model, such as a sunflower pattern.

IPC 8 full level

B24D 7/00 (2006.01); **B24B 55/00** (2006.01); **B24D 7/14** (2006.01)

CPC (source: EP US)

B24D 7/14 (2013.01 - EP US); **B24D 11/001** (2013.01 - EP US); **B24D 11/04** (2013.01 - EP US); **B24D 2203/00** (2013.01 - EP US)

Citation (search report)

- [X1] CN 101885164 B 20111214 - UNIV SHENYANG LIGONG
- [X] CN 102198641 B 20130501 - UNIV SHENYANG LIGONG
- [XP] WO 2013102206 A1 20130704 - SAINT GOBAIN ABRASIVES INC [US], et al
- See references of WO 2014210470A1

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 2015004889 A1 20150101; AU 2014302200 A1 20160204; AU 2014302200 B2 20170511; BR 112015031335 A2 20170725; CA 2915506 A1 20141231; CA 2915506 C 20190611; CN 105324213 A 20160210; CN 105324213 B 20200324; EP 3013528 A1 20160504; EP 3013528 A4 20170125; JP 2016523726 A 20160812; JP 2019166634 A 20191003; JP 6588895 B2 20191009; JP 6805292 B2 20201223; KR 101832124 B1 20180226; KR 20160021250 A 20160224; TW 201500148 A 20150101; TW I589404 B 20170701; WO 2014210470 A1 20141231

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US 201414317632 A 20140627; AU 2014302200 A 20140627; BR 112015031335 A 20140627; CA 2915506 A 20140627; CN 201480035212 A 20140627; EP 14818646 A 20140627; JP 2016521918 A 20140627; JP 2019093877 A 20190517; KR 20167001169 A 20140627; TW 103121298 A 20140620; US 2014044591 W 20140627