

Title (en)

ABRASIVE DISC WITH LATERAL COVER LAYER

Title (de)

SCHLEIFSCHEIBE MIT SEITLICHER DECKSCHICHT

Title (fr)

DISQUE ABRASIF AVEC COUCHE DE REVÊTEMENT LATÉRALE

Publication

**EP 3277462 A4 20181107 (EN)**

Application

**EP 16773832 A 20160325**

Priority

- US 201562141477 P 20150401
- US 2016024191 W 20160325

Abstract (en)

[origin: WO2016160561A1] A grinding disc includes an inner layer (20) which is made of grindable material (containing abrasive particles) and an outer layer (20) which covers at least a portion of the surface of the inner layer (50) and which is made of non-grindable material (i.e. not- containing abrasive grain).

IPC 8 full level

**B24D 5/14** (2006.01); **B24B 19/02** (2006.01); **B24D 3/28** (2006.01); **B24D 5/04** (2006.01); **B24D 7/14** (2006.01); **B24D 11/04** (2006.01); **B24D 13/08** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)

**B24B 19/02** (2013.01 - EP US); **B24D 3/28** (2013.01 - EP US); **B24D 5/04** (2013.01 - EP US); **B24D 5/14** (2013.01 - EP US); **B24D 7/02** (2013.01 - US); **B24D 7/14** (2013.01 - EP US); **B24D 7/16** (2013.01 - EP US); **B24D 11/04** (2013.01 - EP US); **B24D 13/08** (2013.01 - EP US); **B24D 13/12** (2013.01 - EP US); **B24D 18/00** (2013.01 - US); **B24D 18/0045** (2013.01 - EP US)

Citation (search report)

- [X] FR 2898070 A1 20070907 - SAINT GOBAIN ABRASIFS TECH [FR]
- [XY] CN 103372817 A 20131030 - SAINT GOBAIN ABRASIVES SHANGHAI CO LTD, et al
- [XY] EP 1163085 B1 20021218 - 3M INNOVATIVE PROPERTIES CO [US]
- [X] JP 2003191170 A 20030708 - FUJI GRINDING WHEEL CO LTD
- [XY] CN 201346747 Y 20091118 - WUHAN FASHAN ABRASIVE CO LTD [CN]
- [X] WO 9727029 A1 19970731 - MINNESOTA MINING & MFG [US], et al
- [Y] JP S6288572 A 19870423 - MITSUBISHI METAL CORP
- [Y] JP H01121177 A 19890512 - CANON KK
- [Y] JP H05220669 A 19930831 - OSG MFG

Citation (examination)

- US 2003217516 A1 20031127 - SMITH HOWELL N [US]
- See also references of WO 2016160561A1

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)

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DOCDB simple family (application)

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