

Title (en)

BONDED ABRASIVES FORMED BY UNIAXIAL HOT PRESSING

Title (de)

DURCH UNIAXIALES HEISSPRESSEN GEFORMTE GEBUNDENE SCHLEIFMITTEL

Title (fr)

ABRASIFS LIÉS FORMÉS PAR PRESSAGE UNIAXIAL À CHAUD

Publication

EP 2760637 A4 20151021 (EN)

Application

EP 12834804 A 20120928

Priority

- US 201161540972 P 20110929
- US 2012058033 W 20120928

Abstract (en)

[origin: US2013081334A1] A particular method includes uniaxially hot pressing a preform that includes abrasive particles in a bonding material to form a bonded abrasive body.

IPC 8 full level

B24D 3/20 (2006.01); **B22F 3/02** (2006.01); **B22F 3/14** (2006.01); **B24D 3/34** (2006.01); **B24D 18/00** (2006.01); **C04B 35/645** (2006.01); **C04B 35/80** (2006.01); **C09C 1/68** (2006.01); **C09K 3/14** (2006.01); **C22C 26/00** (2006.01); **C22C 32/00** (2006.01)

CPC (source: EP US)

B22F 3/1035 (2013.01 - EP US); **B22F 3/14** (2013.01 - EP US); **B24D 18/0009** (2013.01 - EP US); **C04B 35/528** (2013.01 - EP); **C04B 35/5831** (2013.01 - EP); **C04B 35/6303** (2013.01 - EP); **C04B 35/645** (2013.01 - EP US); **C04B 35/80** (2013.01 - US); **B22F 2003/145** (2013.01 - EP US); **C04B 2235/3217** (2013.01 - US); **C04B 2235/3229** (2013.01 - US); **C04B 2235/3418** (2013.01 - US); **C04B 2235/3826** (2013.01 - US); **C04B 2235/386** (2013.01 - US); **C04B 2235/427** (2013.01 - EP US); **C04B 2235/48** (2013.01 - EP); **C04B 2235/604** (2013.01 - EP US); **C04B 2235/608** (2013.01 - EP US); **C04B 2235/77** (2013.01 - EP US); **C22C 26/00** (2013.01 - EP US); **C22C 32/0005** (2013.01 - EP US); **C22C 32/001** (2013.01 - EP US); **C22C 32/0015** (2013.01 - EP US); **C22C 32/0047** (2013.01 - EP US); **C22C 2026/003** (2013.01 - EP US); **C22C 2026/005** (2013.01 - EP US); **C22C 2026/006** (2013.01 - EP US); **C22C 2026/007** (2013.01 - EP US); **C22C 2026/008** (2013.01 - EP US)

Citation (search report)

- [A] US 6372012 B1 20020416 - MAJAGI SHIVANAND [US], et al
- [XY] US 2010000159 A1 20100107 - WALIA PARUL [US], et al
- [X] US 2003192259 A1 20031016 - D EVELYN MARK PHILIP [US], et al
- [YDA] US 5250130 A 19931005 - ENLOE JACK H [US], et al
- [A] US 5420085 A 19950530 - NEWKIRK MARC S [US], et al
- [X] US 5471970 A 19951205 - SAKARCAN METIN [US]
- See references of WO 2013049652A1

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 2013081334 A1 20130404; BR 112014007136 A2 20170404; CN 103826801 A 20140528; EP 2760637 A1 20140806; EP 2760637 A4 20151021; JP 2014526397 A 20141006; KR 20140075719 A 20140619; RU 2014114620 A 20151110; WO 2013049652 A1 20130404; WO 2013049652 A4 20130613

DOCDB simple family (application)

US 201213631372 A 20120928; BR 112014007136 A 20120928; CN 201280047044 A 20120928; EP 12834804 A 20120928; JP 2014532126 A 20120928; KR 20147009627 A 20120928; RU 2014114620 A 20120928; US 2012058033 W 20120928