

Title (en)  
ABRASIVE ARTICLE FOR LOWER SPEED GRINDING OPERATIONS

Title (de)  
SCHLEIFMITTEL FÜR SCHLEIFOPERATIONEN BEI NIEDRIGER GESCHWINDIGKEIT

Title (fr)  
ARTICLE ABRASIF POUR OPÉRATIONS DE MEULAGE À FAIBLE VITESSE

Publication  
**EP 2869968 B1 20210519 (EN)**

Application  
**EP 13812896 A 20130703**

Priority  

- US 201261668860 P 20120706
- US 201261677655 P 20120731
- US 2013049251 W 20130703

Abstract (en)  
[origin: US2014007517A1] An abrasive article includes a bonded abrasive body having abrasive particles contained within a bond material. The bonded abrasive body may include an abrasive particle-to-bond material interfacial modulus of elasticity (MOE) of at least about 225 GPa. The bonded abrasive body may be configured to grind a workpiece comprising metal at a speed of less than about 60 m/s.

IPC 8 full level  
**B24D 3/18** (2006.01); **B24D 3/02** (2006.01); **B24D 3/06** (2006.01)

CPC (source: CN EP KR RU US)  
**B24D 3/02** (2013.01 - EP US); **B24D 3/06** (2013.01 - CN EP KR US); **B24D 3/18** (2013.01 - EP RU)

Citation (examination)  

- US 2011131889 A1 20110609 - QUEREL GILLES [FR], et al
- US 2008222965 A1 20080918 - QUEREL GILLES [US], et al
- WO 2008112899 A2 20080918 - SAINT GOBAIN ABRASIVES INC [US], et al

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 2014007517 A1 20140109**; AR 091657 A1 20150218; BR 112015000164 A2 20170627; BR 112015000164 B1 20210112; CN 104640675 A 20150520; CN 104640675 B 20170524; EP 2869968 A1 20150513; EP 2869968 A4 20160608; EP 2869968 B1 20210519; EP 3900878 A2 20211027; EP 3900878 A3 20220309; IL 236438 A0 20150226; IL 236438 B 20180131; IN 417DEN2015 A 20150619; JP 2015521963 A 20150803; JP 5921772 B2 20160524; KR 101704416 B1 20170208; KR 20150036225 A 20150407; MX 2015000143 A 20150507; RU 2015102911 A 20160827; RU 2603515 C2 20161127; TW 201402279 A 20140116; TW I535535 B 20160601; WO 2014008356 A1 20140109; ZA 201500148 B 20151223

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**US 201313934714 A 20130703**; AR P130102363 A 20130702; BR 112015000164 A 20130703; CN 201380042495 A 20130703; EP 13812896 A 20130703; EP 21174364 A 20130703; IL 23643814 A 20141224; IN 417DEN2015 A 20150116; JP 2015520675 A 20130703; KR 20157002204 A 20130703; MX 2015000143 A 20130703; RU 2015102911 A 20130703; TW 102123548 A 20130701; US 2013049251 W 20130703; ZA 201500148 A 20150109