

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

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- 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)
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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