

Title (en)  
ABRASIVE ARTICLES AND METHODS OF FORMING THE SAME

Title (de)  
SCHLEIFARTIKEL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
ARTICLES ABRASIFS ET LEURS PROCÉDÉS DE FORMATION

Publication  
**EP 3642295 A1 20200429 (EN)**

Application  
**EP 18821511 A 20180618**

Priority  
• IN 201741021334 A 20170619  
• US 201762546144 P 20170816  
• US 2018037989 W 20180618

Abstract (en)  
[origin: CA3067641A1] An abrasive article is provided that may include a body. The body may include a bond component and abrasive particles within the bond component. The bond component may include a Fe-Co-Cu-Ni-Sn based bond material and a performance enhancing material. The performance enhancing material may include hex-boron nitride. The content of the performance enhancing material may be at least about 6 vol.% and not greater than about 14 vol.% for a total volume of the bond component.

IPC 8 full level  
**C09K 3/14** (2006.01)

CPC (source: EP KR)  
**B24D 3/06** (2013.01 - EP); **B24D 3/10** (2013.01 - EP); **B24D 3/342** (2013.01 - EP); **C09K 3/14** (2013.01 - KR); **C09K 3/1409** (2013.01 - KR); **C09K 3/1436** (2013.01 - KR); **C09K 3/1445** (2013.01 - EP)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
BR 112019027340 A2 20200707; CA 3067641 A1 20181227; CN 110770318 A 20200207; EP 3642295 A1 20200429; EP 3642295 A4 20210630; JP 2020528363 A 20200924; JP 2022023879 A 20220208; JP 7175308 B2 20221118; KR 20200006632 A 20200120

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BR 112019027340 A 20180618; CA 3067641 A 20180618; CN 201880040706 A 20180618; EP 18821511 A 20180618; JP 2020519019 A 20180618; JP 2021170449 A 20211018; KR 20207000805 A 20180618