

Title (en)

BONDED ABRASIVE ARTICLES, METHOD OF FORMING SUCH ARTICLES, AND GRINDING PERFORMANCE OF SUCH ARTICLES

Title (de)

GEBUNDENE SCHLEIFARTIKEL, VERFAHREN ZUR HERSTELLUNG SOLCHER ARTIKEL UND SCHLEIFLEISTUNG SOLCHER ARTIKEL

Title (fr)

ARTICLES ABRASIFS AGGLOMÉRÉS, PROCÉDÉ DE FAÇONNAGE DE TELS ARTICLES, ET EFFICACITÉ DE MEULAGE DE TELS ARTICLES

Publication

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Application

EP 11822752 A 20110902

Priority

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Abstract (en)

[origin: WO2012031251A2] An abrasive tool having a bonded abrasive body including abrasive grains contained within a bond material comprising a metal. During a grinding operation, the bonded abrasive body has a power variance $[(P_o - P_n)/P_o] \times 100\%$ of not greater than about 40%, wherein P_o represents the grinding power to grind a workpiece with the bonded abrasive body at an initial grinding cycle and P_n represents the grinding power to grind the workpiece for a n th grinding cycle, wherein $n > 4$.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [X] US 2010000159 A1 20100107 - WALIA PARUL [US], et al
- [A] EP 0945221 A2 19990929 - NORTON CO [US]
- [A] US 2008085660 A1 20080410 - ORLHAC XAVIER [US]
- See references of WO 2012031251A2

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