

Title (en)
Abrasive tool

Title (de)
Schleifwerkzeug

Title (fr)
Outil abrasif

Publication
EP 1500469 A1 20050126 (EN)

Application
EP 04024424 A 20010130

Priority
• EP 01101689 A 20010130
• JP 2000029614 A 20000207

Abstract (en)
An abrasive tool (420) with metal binder phase has plural protruded parts formed in base metal (422), and has abrasive grain layer (424) with small abrasive-grain-layer parts (428) set at an interval mutually and ultra abrasive grains (14,414) are adhered at these protruded parts by metal binder phase. A single ultra abrasive grain is adhered at each of said small abrasive-grain-layer parts by the metal binder phase. <IMAGE>

IPC 1-7
B24D 3/06; B24D 7/00; B24B 37/04; B24B 53/12; B24D 18/00

IPC 8 full level
B24B 53/12 (2006.01); **B24D 3/00** (2006.01); **B24D 3/06** (2006.01); **B24D 7/06** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP KR)
B24B 53/017 (2013.01 - EP); **B24B 53/12** (2013.01 - EP); **B24D 3/06** (2013.01 - EP KR); **B24D 7/06** (2013.01 - EP); **B24D 18/0018** (2013.01 - EP)

Citation (search report)
• [A] US 5989405 A 19991123 - MURATA YASUNORI [JP], et al
• [DA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1122030 A2 20010808; **EP 1122030 A3 20031210**; **EP 1122030 B1 20060628**; AT E331591 T1 20060715; DE 60121070 D1 20060810; DE 60121070 T2 20070606; EP 1500469 A1 20050126; HK 1039296 A1 20020419; JP 2001219376 A 20010814; KR 100749385 B1 20070814; KR 20010078363 A 20010820

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