

Title (en)  
Abrasive tool

Title (de)  
Schleifwerkzeug

Title (fr)  
Outil abrasif

Publication  
**EP 1797995 B1 20090318 (DE)**

Application  
**EP 05111767 A 20051207**

Priority  
EP 05111767 A 20051207

Abstract (en)  
[origin: EP1797995A1] The grinding tool (1) has a water permeable, flexible textile layer (3), to which an abrasive material, and a layer made of flexible foam, is applied. The abrasive material is made of binder and abrasive grain selected from the group consisting of diamond and cubic boron nitride. The abrasive material is applied to the flexible layer in specific amount with respect to wet state. The abrasive material is made of binder that is selected from the group consisting of phenolic resins, melamine resins, urea resins, epoxy resins, polyester resins, polyacrylate resins and polyurethane resins and mixture. Independent claims are included for the following: (1) method for producing grinding tool; and (2) method of use of grinding tool.

IPC 8 full level  
**B24D 3/00** (2006.01); **B24B 7/20** (2006.01); **B24B 7/22** (2006.01); **B24B 29/00** (2006.01); **B24D 9/08** (2006.01); **B24D 11/00** (2006.01); **B24D 15/02** (2006.01)

CPC (source: EP)  
**B24B 7/22** (2013.01); **B24D 3/002** (2013.01); **B24D 9/08** (2013.01); **B24D 11/00** (2013.01); **B24D 11/005** (2013.01); **B24D 15/023** (2013.01)

Cited by  
CN110712142A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1797995 A1 20070620; EP 1797995 B1 20090318**; AT E425843 T1 20090415; AT E488327 T1 20101215; DE 502005006896 D1 20090430; DE 502006008321 D1 20101230; ES 2322163 T3 20090617; PL 1797995 T3 20090831; PT 1797995 E 20090506

DOCDB simple family (application)  
**EP 05111767 A 20051207**; AT 05111767 T 20051207; AT 06120537 T 20060912; DE 502005006896 T 20051207; DE 502006008321 T 20060912; ES 05111767 T 20051207; PL 05111767 T 20051207; PT 05111767 T 20051207