

Title (en)
Electro-deposited thin-blade grindstone

Title (de)
Galvanisch beschichtete Dünnblatt-Schleifscheibe

Title (fr)
Disque à meuler mince revêtu par electro-déposition

Publication
EP 1252975 A3 20040121 (EN)

Application
EP 02252980 A 20020426

Priority
JP 2001129313 A 20010426

Abstract (en)
[origin: EP1252975A2] To provide an electro-deposited thin-blade grindstone containing a plate-shaped base metal (12), depressed portions (14) that are open from near the edge portion (12a) of the base metal to the edge portion (12a) and are formed alternately on both side surfaces of the base metal, and a number of abrasive grains (16) fixedly deposited on the depressed portions (14) and protruded from the side surfaces and end portion of the base metal (12). The depressed portion (14) is formed in a depth of 1/2 or more of the thickness of the base metal (12). The abrasive grain is a hard abrasive grain (16) made of diamond, CBN or the like. The diameter of the abrasive grain (16) is nearly equal to the thickness of the base metal (12). <IMAGE>

IPC 1-7
B24D 18/00; **B24D 5/12**; **B28D 1/12**

IPC 8 full level
B24D 3/06 (2006.01); **B24D 3/00** (2006.01); **B24D 5/06** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)
B24D 18/0018 (2013.01 - EP US)

Citation (search report)

- [X] US 4407263 A 19831004 - MURATA YASUNORI [JP]
- [X] EP 0807493 A1 19971119 - ISHIZUKA HIROSHI [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 447 (M - 1179) 14 November 1991 (1991-11-14)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1252975 A2 20021030; **EP 1252975 A3 20040121**; JP 2002326166 A 20021112; US 2002160699 A1 20021031

DOCDB simple family (application)
EP 02252980 A 20020426; JP 2001129313 A 20010426; US 12416202 A 20020417