

Title (en)
Dressing, honing and grinding tool

Title (de)
Abricht-, Hon und Schleifwerkzeug

Title (fr)
Outil de dressage, de rodage et de meulage

Publication
EP 1110671 A3 20031029 (DE)

Application
EP 00811168 A 20001208

Priority
CH 237499 A 19991220

Abstract (en)
[origin: US2001004581A1] In a negative mould (1) closed by a lid (3), hard material abrasive grains (5) are nickel-attached to the peripheral inside surface. The negative mould (1) contains, in addition to the outside contour (4) of the tool to be manufactured, also the surfaces for the location bore (7) and the end face locations (7') of the said tool. Subsequently the inner space of the negative mould (1) is completely filled with a casting mass (6) interspersed with solid particles (8) and the said mass allowed to harden. The mould (1) is removed by machining or etching. This process permits the inexpensive and economic manufacture of tools coated with hard material abrasive grains.

IPC 1-7
B24D 3/06; B24D 18/00; B24D 5/02; B24D 3/28; B24D 5/14

IPC 8 full level
B24B 53/12 (2006.01); **B24B 33/08** (2006.01); **B24D 3/00** (2006.01); **B24D 3/02** (2006.01); **B24D 3/06** (2006.01); **B24D 3/14** (2006.01); **B24D 3/28** (2006.01); **B24D 5/02** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)
B24B 33/08 (2013.01 - EP US); **B24D 3/06** (2013.01 - EP US); **B24D 5/02** (2013.01 - EP US); **B24D 18/009** (2013.01 - EP US)

Citation (search report)
• [XY] US 5885149 A 19990323 - GILLET THIERRY [BE], et al
• [X] US 3850589 A 19741126 - CHARVAT V
• [DY] US 4826509 A 19890502 - SCHWAEMMLE JAKOB [DE]
• [A] US 3664819 A 19720523 - SIOUI RICHARD H, et al

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WO2024132707A1; CH719945B1

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 1110671 A2 20010627; **EP 1110671 A3 20031029**; JP 2001179624 A 20010703; US 2001004581 A1 20010621

DOCDB simple family (application)
EP 00811168 A 20001208; JP 2000384532 A 20001218; US 73746600 A 20001218