

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  
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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)

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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

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**EP 00811168 A 20001208**; JP 2000384532 A 20001218; US 73746600 A 20001218