

Title (en)
Abrasive tool

Title (de)
Werkzeug zur materialabtragenden Bearbeitung eines Werkstücks

Title (fr)
Outil abrasif

Publication
EP 0900631 A3 19990707 (DE)

Application
EP 98116707 A 19980903

Priority
DE 29716041 U 19970908

Abstract (en)
[origin: EP0900631A2] Rotary work head has cylindrical working surface which self aligns on the surface being worked, and is mounted on discs (2) which have a set amount of flexibility, which allows the working surface to tilt in either direction, exhibiting some axial flexibility. The rotating tool self aligns on a flat surface and produces an improved finish especially when fitted to hand power tools. The flexibility is produced by holes (7) in the support disc. The support disc, and the outer rim of the tool head, can be made of plastic moulding.

IPC 1-7
B24D 9/00

IPC 8 full level
B24B 23/00 (2006.01); **B24D 3/00** (2006.01); **B24D 7/16** (2006.01); **B24D 9/00** (2006.01)

CPC (source: EP)
B24D 7/16 (2013.01); **B24D 9/00** (2013.01)

Citation (search report)

- [XY] WO 8000033 A1 19800110 - PHILLIPS E
- [Y] DE 559229 C 19320917 - ALBERT FEZER
- [Y] US 2963833 A 19601213 - MACINTOSH JOHN R, et al
- [A] US 3083584 A 19630402 - ARTHUR NANSON
- [A] US 2142873 A 19390103 - WILLIAM KRAUSE
- [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 146 (M - 147) 5 August 1982 (1982-08-05)

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DE 29716041 U 19970908; DE 59810381 T 19980903; EP 98116707 A 19980903; JP 25435998 A 19980908; TW 87114845 A 19980907