

Title (en)

Appliance comprising a grinding disc for portable power grinder

Title (de)

Vorrichtung einschließlich Schleifscheibe für elektrische Handschleifmaschine

Title (fr)

Dispositif intégrant un disque abrasif pour machine électroportative à meuler

Publication

EP 1488888 A1 20041222 (FR)

Application

EP 04356090 A 20040608

Priority

FR 0307396 A 20030616

Abstract (en)

The disk has an abrasive disk part (10) with micro-perforations (10b) on its abrasive surface (10a). The abrasive part is integrated to a lower part (12) by a gum layer (11), where the lower part is made of non-woven fabric and acts as a filtering unit. The perforations pass through the gum layer and open into the thickness of the lower part (12).

IPC 1-7

B24D 9/08; **B24D 13/14**; **B24B 55/10**

IPC 8 full level

B24B 55/10 (2006.01); **B24D 9/08** (2006.01); **B24D 13/14** (2006.01)

CPC (source: EP)

B24B 55/10 (2013.01); **B24D 9/08** (2013.01); **B24D 13/147** (2013.01)

Citation (search report)

- [X] US 5810650 A 19980922 - JOEST PETER [DE]
- [A] US 4287685 A 19810908 - MARTON MIKSA

Cited by

US7252694B2; US7329175B2; US7338355B2; US7390244B2; US7244170B2; WO2007035252A3; WO2007035292A1; WO2007037903A3; US7258705B2; US7393269B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1488888 A1 20041222; **EP 1488888 B1 20080305**; **EP 1488888 B2 20110302**; AT E387988 T1 20080315; DE 602004012197 D1 20080417; DE 602004012197 T2 20090319; DE 602004012197 T3 20110728; ES 2300725 T3 20080616; ES 2300725 T5 20110503; FR 2856323 A1 20041224; FR 2856323 B1 20070323

DOCDB simple family (application)

EP 04356090 A 20040608; AT 04356090 T 20040608; DE 602004012197 T 20040608; ES 04356090 T 20040608; FR 0307396 A 20030616