

Title (en)

Grinding disc for hand-held grinding machine, especially cutting disc

Title (de)

Schleifscheibe für handgeführte Schleifmaschinen, insbesondere Trenn-Schleifscheibe

Title (fr)

Disque de meulage pour meuleuse portative, en particulier disque de tronçonnage

Publication

EP 0832720 A3 20001213 (DE)

Application

EP 97121891 A 19940119

Priority

- DE 4304513 A 19930215
- DE 4311529 A 19930407
- EP 94100690 A 19940119

Abstract (en)

[origin: EP0832720A2] The grinding disc for a manual grinder, an abrasive cutter, has a recess (3) in the ring-disc grinding ring (1), concentric to a central longitudinal axis (4). The ring disc carrier (2) is fitted into the recess (3) and bonded to the grinding ring (1). The grinding ring (1) projects over the end side (6) of the carrier (2), at least at one side (5). The grinding ring (1) and the carrier (2) are adhesive bonded together, with an adhesive layer filling the gap between the outer surface of the carrier and the inner surface of the recess, using an epoxy resin adhesive. The facing surfaces of the recess and the carrier are cylindrical.

IPC 1-7

B24D 5/12; **B24D 5/16**; **B24D 18/00**

IPC 8 full level

B24D 5/12 (2006.01); **B24D 5/16** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP)

B24D 5/12 (2013.01); **B24D 5/16** (2013.01); **B24D 18/0081** (2013.01)

Citation (search report)

- [A] EP 0083380 A1 19830713 - INOUE JIRO
- [A] US 3487590 A 19700106 - KISTLER SAMUEL S, et al
- [A] US 3123948 A 19640310
- [A] US 3262230 A 19660726 - SEYMOUR JAMES A, et al

Cited by

CN104440622A; WO2006042352A1; US8113920B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 4311529 A1 19940818; DE 59407464 D1 19990128; EP 0832720 A2 19980401; EP 0832720 A3 20001213; ZA 94753 B 19940929

DOCDB simple family (application)

DE 4311529 A 19930407; DE 59407464 T 19940119; EP 97121891 A 19940119; ZA 94753 A 19940203