

Title (en)

Abrasive grinding disc and method of manufacturing the same

Title (de)

Schleifscheibe und Verfahren zum Herstellen derselben

Title (fr)

Disque abrasif de meulage et méthode de conception de ce disque

Publication

EP 0865879 A3 19990203 (FR)

Application

EP 98870032 A 19980219

Priority

BE 9700162 A 19970221

Abstract (en)

[origin: EP0865879A2] The grinding disc comprises an outer crown (4), and intermediate conical zone (6), and a central disc-shaped section (8). The peripheral zone of the crown is equipped with a series of abrasive segments (20) with ventilation holes (12) between. The abrasive segments are basically in the shape of circumflex accents, each with one wing (22) which extends along the edge of the disc while the other points towards the centre. The abrasive segments have parabolic spiral surfaces and act as vanes for ventilating the disc.

IPC 1-7

B24D 7/10

IPC 8 full level

B24B 23/02 (2006.01); **B24D 7/10** (2006.01)

CPC (source: EP)

B24B 23/02 (2013.01); **B24D 7/10** (2013.01)

Citation (search report)

- [A] US 5514027 A 19960507 - PEARLMAN GORDON [US]
- [A] EP 0535431 A1 19930407 - SWAROVSKI TYROLIT SCHLEIF [AT]
- [X] PATENT ABSTRACTS OF JAPAN vol. 008, no. 037 (M - 277) 17 February 1984 (1984-02-17)

Cited by

EP1074347A3; EP1304190A1; BE1014434A3

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EP 0865879 A2 19980923; **EP 0865879 A3 19990203**; **EP 0865879 B1 20011010**; BE 1011027 A6 19990406; DE 69801943 D1 20011115; DE 69801943 T2 20020516; DE 865879 T1 19990422; ES 2163248 T3 20020116

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