

Title (en)
Flap sanding wheel

Title (de)
Lamellenschleifscheibe

Title (fr)
Meule de ponçage à lamelles

Publication
EP 0700753 A1 19960313 (DE)

Application
EP 95113515 A 19950829

Priority
DE 4432168 A 19940909

Abstract (en)
The holder flanges are positioned parallel to each other and concentrically with a centre lengthwise axis (2). The grinding lamellae (6) protrude outward beyond the holder flanges between which they are each positioned. Several grinding lamellae are assembled into a pack (7) and are spaced out round the periphery of the support (1). The bottom (9) of the grinding lamellae of each pack are compressed at right-angles to their planes by bolts (13), and joined to the support by the bolts.

Abstract (de)
Eine Lamellenschleifscheibe weist zwei Halte-Flansche (3, 4) auf, zwischen denen zu Schleiflamellen-Paketen (7) zusammengefaßte Schleiflamellen (6) angeordnet sind. An den Halte-Flanschen (3, 4) sind jeweils abwechselnd Bolzen (13) befestigt, die zwischen die Schleiflamellen-Pakete (7) geschoben sind und diese unter Reibschluß halten. Gleichzeitig werden hierdurch auch die Halteflansche (3, 4) mit den Schleiflamellen-Paketen (7) zu einer Einheit verbunden. <IMAGE>

IPC 1-7
B24D 13/04; **B24D 13/20**

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B24D 13/04 (2006.01); **B24D 13/20** (2006.01)

CPC (source: EP US)
B24D 13/04 (2013.01 - EP US); **B24D 13/20** (2013.01 - EP US)

Citation (search report)

- [X] US 4969299 A 19901113 - BLOCK ALECK [US]
- [X] US 2871632 A 19590203 - COSMOS ALEXANDER J
- [X] DE 3140012 A1 19830421 - SPITZNAS MASCHINENFABRIK GMBH [DE]
- [A] US 4004316 A 19770125 - ALI GREGORY F
- [A] US 4872292 A 19891010 - BLOCK ALECK [US]
- [A] US 3600861 A 19710824 - HAYWOOD GEORGE L
- [A] US 2581411 A 19520108 - HENDRICKSON FRITZ E

Cited by
EP2425173B1; EP2425173B2

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