

Title (en)

Improvements in or relating to radial grinding tools with means to remove grinding dust.

Title (de)

Radiales Schleifwerkzeug mit Mitteln zum Absaugen von Staubteilchen.

Title (fr)

Outil de meulage radial pourvu de moyens pour enlever la poussière.

Publication

EP 0005967 A1 19791212 (EN)

Application

EP 79300936 A 19790524

Priority

GB 2373478 A 19780530

Abstract (en)

A radial grinding tool, preferably portable and hand-held. Grinding dust generated by contact between the grinding face (2) and the work is drawn axially into the mouths (10a, 11a) of ring-shaped cavities (10, 11), one to each axial side of the wheel (1). The chambers interconnect by passages (30, 34, 28), and are connected to the suction source (35, 36, 37). The outer walls (8, 9) of the cavities are of plastics or other wear-away material and spin with the wheel, so that they wear by contact with the work as the wheel wears likewise.

IPC 1-7

B24B 23/02

IPC 8 full level

B24B 55/10 (2006.01)

CPC (source: EP)

B24B 55/102 (2013.01)

Citation (search report)

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- US 2954653 A 19601004 - ERIC HARVEY JOSEPH
- DE 1121968 B 19620111 - ACKERMANN & SCHMITT K G

Designated contracting state (EPC)

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