

Title (en)

SANDING ELEMENT FOR A SANDING ASSEMBLY OF A VIBRATION SANDER

Publication

**EP 0320640 A3 19901003 (DE)**

Application

**EP 88119169 A 19881118**

Priority

- DE 8716524 U 19871215
- DE 8802927 U 19880304

Abstract (en)

[origin: US4964245A] A grinding tool body of a vibratory grinding or sanding tool has suction inlets at least in recessed areas of its working surface for sucking away the grinding dust by means of an external suction system connectable with the grinding tool body. The grinding element is in the form of a sheet of grinding linen or grinding paper coated on one side with grinding material and having a second side covering the working surface. The sheet serving as the grinding or sanding element has perforated areas coinciding with the recessed areas in the working surface. The grinding element is held in place on the working surface solely by the suction force produced by the suction system. This allows for the simple and quick replacement of worn grinding elements. The grinding material-free back or second surface of the grinding element is roughened. Preferably, for the purpose of producing such a roughening, at least two edges of the sheet are folded over, such edges being disposed opposite one another.

IPC 1-7

**B24B 55/10**

IPC 8 full level

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CPC (source: EP US)

**B24B 55/06** (2013.01 - EP US); **B24D 9/00** (2013.01 - EP US); **B24D 11/008** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 2933307 A1 19810226 - AKZO GMBH
- [A] US 4380092 A 19830419 - BROTHERS WOODROW W [US]
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Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 4964245 A 19901023**; DE 8802927 U1 19880505; DK 695588 A 19890616; DK 695588 D0 19881214; EP 0320640 A2 19890621; EP 0320640 A3 19901003; IL 88679 A0 19890731; JP H01246079 A 19891002

DOCDB simple family (application)

**US 28328388 A 19881212**; DE 8802927 U 19880304; DK 695588 A 19881214; EP 88119169 A 19881118; IL 8867988 A 19881213; JP 31497988 A 19881215