

Title (en)

Rotary brush with removable brush elements.

Title (de)

Drehbürste mit auswechselbaren Borstenträgern.

Title (fr)

Brosses rotatives avec porte-brosses interchangeable.

Publication

EP 0299636 A1 19890118 (EN)

Application

EP 88305776 A 19880624

Priority

US 6771187 A 19870626

Abstract (en)

A rotary brush (10) with removable brush elements (14) is provided. The brush elements (14) are disposed on a hub (11) in a radial display. The brush elements include a resiliently flexible element (21) which permits the brush to deflect at a greater angle (A) from a rest position (A') than the angle (B) of deflection of the bristles (16) of the brush (15) from a normal position (B') when the hub (11) is rotated with the bristles (16) in contact with the workpiece.

IPC 1-7

A46B 7/10; **B24D 13/00**; **B24D 11/00**

IPC 8 full level

A46B 7/04 (2006.01); **A46B 7/10** (2006.01); **B24D 13/10** (2006.01)

CPC (source: EP KR)

A46B 7/04 (2013.01 - EP); **A46B 7/044** (2013.01 - EP); **A46B 7/08** (2013.01 - KR); **A46B 7/10** (2013.01 - EP); **B24D 13/00** (2013.01 - KR); **B24D 13/10** (2013.01 - EP)

Citation (search report)

- US RE28118 E 19740820
- US 4183183 A 19800115 - BELANGER JAMES A [US]
- AT 305349 B 19730226 - LIENENBRUEGGER KARL
- CH 407798 A 19660215 - MERIT PRODUCTS INC [US]
- DE 1210409 B 19660210 - HERBERT SCHMIDT, et al
- US 3967418 A 19760706 - SCHAFFNER III GUS J
- US 3798847 A 19740326 - BELANGER J
- GB 1147915 A 19690410 - MERIT PRODUCTS INC [US]

Cited by

EP0923420A4; EP0753274A1; US5233719A; US5083840A; EP3443863A1; WO2009114630A3

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