

Title (en)
Disc brush

Title (de)
Scheibenrundbürste

Title (fr)
Brosse annulaire

Publication
EP 1797793 A3 20100602 (EN)

Application
EP 06255296 A 20061014

Priority
US 31120805 A 20051219

Abstract (en)
[origin: EP1797793A2] A disc brush (10) has a disc (20) having a face (22) including at least a first portion (24) and a second portion (26). A plurality of abrasive filaments (40) are fixed to the first portion (24) and extend generally perpendicularly from the disc. The abrasive filaments (40) are arranged around the second portion (26). The second portion (26) is recessed from the first portion (24) to form a recess (28) having a diameter and axial depth sufficient to receive at least a portion of a raised portion of a work piece. In one preferred embodiment, the disc brush (10) is provided with an arbor hole (32) to allow the disc brush (10) to be driven by a rotary drive device and is sized to fit within a well portion of an automobile wheel (50) to allow the disc brush (10) to be rotatably driven to de-burr an interior portion of the wheel.

IPC 8 full level
A46B 13/00 (2006.01)

CPC (source: EP US)
A46B 13/008 (2013.01 - EP US); **A46B 2200/3093** (2013.01 - EP US)

Citation (search report)

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- [XY] DE 10340136 A1 20050602 - HILZINGER THUM SCHLEIF UND POL [DE]
- [Y] EP 1106102 A2 20010613 - MINNESOTA MINING & MFG [US]
- [XA] WO 0134348 A1 20010517 - IZARD IRWIN INTERNAT LTD [NZ], et al
- [A] US 5525100 A 19960611 - KELLY ROBERT G [US], et al

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Designated extension state (EPC)
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