

Title (en)
CIRCULAR BRUSH

Title (de)
KREISBÜRSTE

Title (fr)
BROSSE CIRCULAIRE

Publication
EP 3205232 A1 20170816 (EN)

Application
EP 17155585 A 20170210

Priority
IT UB201645164 U 20160212

Abstract (en)
Described is a circular brush (1) comprising a cylindrical frame (2) having a longitudinal axis (X) of extension and having an opening (3) configured for coupling with a motor-driven axis (4) positioned, in use, coaxial with the longitudinal axis (X) of extension; an abrasive annular tool (5) comprising metal wires (6) associated with the outer annular surface of the frame (2) in such a way as to protrude radially away from the longitudinal axis (X) of extension to form a circular operational surface having a first width (L1); the abrasive tool (5) comprises a plurality of disc-shaped clumps or sectors (8) arranged side by side; each of the disc-shaped clump sectors (8) comprises a plurality of metal wires (6) (but also of another type, for example synthetic and synthetic-abrasive); each clump sector (8) has a first annular end associated with the cylindrical frame (2) in such a way as to extend radially outwards relative to the longitudinal axis (X) of extension to define an operational surface having a second width (L2), with the relative second ends free, which is less than the first width (L1); at least one disc-shaped clump sector (8) is configured with a radius, referred to the axis (X), of variable extension in such a way as to define an operational surface with at least one curved stretch (7).

IPC 8 full level
A46B 9/02 (2006.01); **A46B 13/00** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP)
A46B 9/028 (2013.01); **A46B 13/003** (2013.01); **A46B 2200/3093** (2013.01); **A46D 1/0207** (2013.01)

Citation (search report)
• [X] US 351306 A 18861019
• [I] WO 2011144855 A1 20111124 - TUNNEL DE LAVAGE [FR], et al
• [A] US 3067444 A 19621211 - DICKSON DONALD L, et al
• [A] US 4760620 A 19880802 - LAMORE PATRICK H [US]
• [A] US 3640029 A 19720208 - ZILDJIAN ROBERT

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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