

Title (en)

Method for manufacturing a brush, appliance for the same and brush with anchor for twisted wires

Title (de)

Verfahren zum Herstellen einer Bürste, Vorrichtung hierfür sowie Bürste mit Ankerteil für verdrehte Drahtabschnitte

Title (fr)

Procédé de fabrication d'une brosse, dispositif correspondant et brosse avec agrafe pour fils de fer entrelacé

Publication

EP 2298123 A1 20110323 (DE)

Application

EP 09011081 A 20090828

Priority

EP 09011081 A 20090828

Abstract (en)

The method involves providing an anchor member (28) on the carrier end (26) of a bristle portion (16). The anchor member and the carrier end of the bristle portion are opened in a hole (14) in a carrier (12) under deformation of a perforated wall (32). The carrier end is bent into a u-shape or into a closed loop. An independent claim is also included for an apparatus for manufacturing a brush, particularly a round brush.

Abstract (de)

Ein Verfahren und eine Vorrichtung zum Herstellen einer Bürste, bei dem ein Borstenteil (16) über miteinander verdrehte Drahtabschnitte befestigte Borsten (20) aufweist, sieht vor, durch ein Ankerteil (28) das Borstenteil (16) in einem Träger (12) unlösbar zu fixieren.

IPC 8 full level

A46B 3/18 (2006.01); **A46B 3/16** (2006.01); **A46B 9/02** (2006.01); **A46D 3/04** (2006.01); **A46D 3/08** (2006.01)

CPC (source: EP)

A46B 3/16 (2013.01); **A46B 3/18** (2013.01); **A46D 3/042** (2013.01); **A46D 3/087** (2013.01)

Citation (applicant)

- FR 2897792 A1 20070831 - LBD MENAGE SOC PAR ACTIONS SIM [FR]
- EP 0361120 A2 19900404 - CURADEN AG [CH]
- EP 1625801 A2 20060215 - ESKA LEDERHANDSCHUHFABRIK GES [AT]

Citation (search report)

- [X] FR 2897762 A1 20070831 - ALCAN PACKAGING BEAUTY SERV [FR]
- [X] EP 0361120 A2 19900404 - CURADEN AG [CH]
- [A] WO 0056185 A1 20000928 - BUTLER JOHN O CO [US]
- [A] EP 2062499 A1 20090527 - TEAM TECHNOLOGIES INC [US]
- [A] EP 1625808 A1 20060215 - KI INEXHAUSTIBLE SUPPLY KK [JP]
- [A] US 5313684 A 19940524 - FITJER HOLGER [DE]

Cited by

US10525718B2; US10625511B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2298123 A1 20110323; **EP 2298123 B1 20151104**; BE 1019100 A5 20120306; CN 101999797 A 20110406

DOCDB simple family (application)

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