

Title (en)
Device and method for manufacturing brushes

Title (de)
Verfahren und Vorrichtung zum Herstellen von Bürsten

Title (fr)
Dispositif et procédé de fabrication de brosses

Publication
EP 2377425 A1 20111019 (DE)

Application
EP 10003938 A 20100413

Priority
EP 10003938 A 20100413

Abstract (en)
The method involves attaching bristles at a base part (12) in a clumpful manner. The bristles are cut by a heated tool (70), which stays in contact with the bristles to be cut. The bristles are plugged into openings of the base part and are cut by the heated tool. Tool geometry and temperature of the tool are adjusted to brush geometry in such a manner that a bunch (16) of bristles or an adjacent bunch of bristles is welded together by cutting. The tool is arranged at distance from the base part and is displaced transverse to the bristles without a support body during cutting. An independent claim is also included for a device for manufacturing brushes.

Abstract (de)
Ein Verfahren und eine Vorrichtung zum Herstellen einer Bürste sieht vor, dass Borsten mittels eines beheizten Werkzeugs (70) beschnitten werden.

IPC 8 full level
A46D 3/04 (2006.01); **A46D 9/02** (2006.01)

CPC (source: EP)
A46B 9/026 (2013.01); **A46D 1/08** (2013.01); **A46D 3/045** (2013.01); **A46D 9/00** (2013.01)

Citation (search report)
• [X] DE 3237885 A1 19840419 - KRONSEDER MASCHF KRONES [DE]
• [X] GB 2286519 A 19950823 - SANDERSON J & W LTD [GB]
• [X] GB 863447 A 19610322 - SARAH ELIZABETH MORTIMER, et al
• [A] WO 2007087694 A1 20070809 - BOUCHERIE NV G B [BE], et al

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US2016135583A1; US10051953B2; US9681740B2

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

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AL BA ME RS

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