

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 B1 20131023 (DE)

Application

EP 10003938 A 20100413

Priority

EP 10003938 A 20100413

Abstract (en)

[origin: EP2377425A1] 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.

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)

Cited by

US2016135583A1; US10051953B2; US9681740B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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