

Title (en)

Method for producing a brush, in particular a toothbrush

Title (de)

Verfahren zum Herstellen einer Bürste, insbesondere einer Zahnbürste

Title (fr)

Procédé de fabrication d'une brosse, notamment une brosse à dents

Publication

EP 2210521 A3 20131016 (DE)

Application

EP 10000272 A 20100113

Priority

DE 102009005708 A 20090122

Abstract (en)

[origin: EP2210521A2] The method involves injecting a brush body in an injection molding operation. The brush body is made up of plastic material. The bristle bundles are embedded into the surrounding brush body with their fastening side ends. The brush body is made up of a material contrastive with the material of the bristle bundles. The brush is reviewed optically for the presence of an overmolding after the solidification of the plastic material. The overmolding penetrates in the bristle bundles. An independent claim is also included for an apparatus for manufacturing a brush, particularly a toothbrush.

IPC 8 full level

A46B 3/06 (2006.01); **A46D 1/00** (2006.01); **A46D 3/00** (2006.01); **A46D 9/00** (2006.01)

CPC (source: EP)

A46B 3/06 (2013.01); **A46D 1/003** (2013.01); **A46D 3/005** (2013.01); **A46D 9/00** (2013.01)

Citation (search report)

- [IA] EP 0678368 A1 19951025 - BOUCHERIE NV G B [BE]
- [A] DE 8414080 U1 19880317
- [A] WO 9955193 A2 19991104 - GILLETTE CANADA [CA], et al
- [IA] EP 0674862 A1 19951004 - BOUCHERIE NV G B [BE]

Cited by

US9144299B2; EP4085794A1

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)

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