

Title (en)

Method for the production of anchorless brushes, in particular toothbrushes

Title (de)

Verfahren zur Herstellung von ankerlosen Bürsten, insbesondere Zahnbürsten

Title (fr)

Procédé pour la production de brosses sans moyens de fixation, en particulier des brosses à dents

Publication

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Application

EP 10000457 A 20100119

Priority

BE 200900059 A 20090204

Abstract (en)

Method for the production of anchorless brushes, more in particular toothbrushes, made out of a carrier element (1) provided with holes (2) throughout in which fibers (3) are introduced that on one side of the carrier element (1) are fused together and are at least partly covered by a covering part (11) whereby the method comprises the following steps: - provide a carrier element (1) with holes throughout; - introduce fibers (3) into the holes (2) of the carrier element (1) with one extremity protruding through the carrier element (1); - fuse the protruding extremities (4) of the fibers (3) by applying heat to these extremities until they melt; - inspect the molten fiber mass (7) in molten condition in a non-destructive way; and, - cover the fiber mass (7) by a covering part (11).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 0972464 A1 20000119 - BOUCHERIE NV G B [BE]
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Citation (search report)

- [XAI] DE 4302870 A1 19940804 - ZAHORANSKY ANTON FA [DE]
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- [XAI] US 2004117934 A1 20040624 - PFENNIGER PHILIPP [CH], et al
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