

Title (en)

Product applicator, especially for cosmetics, and method of manufacturing such an applicator

Title (de)

Applikator, insbesondere für Kosmetika, und Verfahren zur Herstellung eines solchen Applikators

Title (fr)

Applicateur de produit, notamment cosmétique, et procédé de fabrication d'un tel applicateur

Publication

EP 1374723 A1 20040102 (FR)

Application

EP 03291388 A 20030611

Priority

FR 0207640 A 20020620

Abstract (en)

The applicator has a head (1) consisting of a support (3) with bristles (2) made from polymer fibres, at least some of which have curved portions with a radius of curvature of between 2 and 40 mm, and preferably between 3 and 10 mm. The curved portions of the bristles are located in a random arrangement relative to one another. The applicator has a head (1) consisting of a support (3) with bristles (2) made from polymer fibres, at least some of which have curved portions with a radius of curvature of between 2 and 40 mm, and preferably between 3 and 10 mm. The curved portions of the bristles are located in a random arrangement relative to one another. The bristles have a preferably thickness of 0.010 to 0.025 mm, and the applicator head can have various cross-sectional shapes, e.g. circular or polygonal, especially square or triangular. The support is of twisted wire strands and can be straight or curved.

Abstract (fr)

La présente demande concerne un dispositif (1) pour l'application d'un produit, notamment de maquillage et/ou de soin, comprenant un arrangement de fibres polymériques (2) à au moins une extrémité libre, lesdites fibres étant montées fixement sur un support (3), et présentant pour au moins certaines, une portion courbe, s'étendant continûment depuis le support jusqu'à une (ou leur) extrémité libre, et de rayon de courbure moyen inférieur à 45 mm, lesdits portions courbes étant orientées les unes relativement aux autres de manière aléatoire. <IMAGE>

IPC 1-7

A46B 9/02

IPC 8 full level

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CPC (source: EP)

A46B 9/021 (2013.01); **A46D 1/0238** (2013.01); **A46B 2200/1053** (2013.01); **A46D 1/00** (2013.01)

Citation (applicant)

- FR 2668905 A1 19920515 - OREAL [FR]
- US 5161554 A 19921110 - FITJER HOLGER [DE]

Citation (search report)

- [A] US 6141818 A 20001107 - WEIHRAUCH GEORG [DE]
- [A] US 5357647 A 19941025 - GUERET JEAN-LOUIS H [FR]
- [A] US 6210060 B1 20010403 - GUERET JEAN-LOUIS [FR]

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CN102014691A; EP1733644A1; FR2887130A1; US7996947B2

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