

Title (en)

Brush for applying a product on keratinous fibres

Title (de)

Bürste zum Auftragen eines Produktes auf keratinische Faser

Title (fr)

Brosse pour l'application d'un produit sur les fibres kératiniques

Publication

EP 1236419 A1 20020904 (FR)

Application

EP 02290496 A 20020228

Priority

FR 0102798 A 20010301

Abstract (en)

The brush comprises a curved core (11) on which bristles (12) are fastened. The core has a transverse cross section which varies over the brush length in a non-homothetic manner. One point of the core is non-symmetrical relative to a plane perpendicular to the curvature plane of the core in this point.

Abstract (fr)

L'invention concerne une brosse (10) qui comporte une âme (11) courbe, sur laquelle se raccordent des poils, et présentant une section transversale qui varie sur au moins une portion de la longueur de la brosse de manière non homothétique, ladite section étant, en au moins un point de l'âme, non symétrique par rapport à un plan perpendiculaire au plan de courbure de l'âme en ce point. <IMAGE>

IPC 1-7

A46B 3/18; **A46B 9/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- FR 2605505 A1 19880429 - OREAL [FR]
- EP 0663161 A1 19950719 - OREAL [FR]
- EP 0792603 A1 19970903 - OREAL [FR]
- FR 2755593 A1 19980515 - OREAL [FR]
- FR 2749489 A1 19971212 - OREAL [FR]
- FR 2749490 A1 19971212 - OREAL [FR]
- US 5937870 A 19990817 - GUERET JEAN-LOUIS H [FR]
- US 5876138 A 19990302 - GUERET JEAN-LOUIS [FR]

Citation (search report)

- [YD] EP 0663161 A1 19950719 - OREAL [FR]
- [Y] EP 1020136 A2 20000719 - GEKA BRUSH GEORG KARL GMBH [DE]
- [YD] FR 2605505 A1 19880429 - OREAL [FR]
- [PY] FR 2811525 A1 20020118 - OREAL [FR]
- [Y] US 1806520 A 19310519
- [PA] FR 2798267 A1 20010316 - ENNIO CARDIA [IT]
- [Y] US 5918994 A 19990706 - GUERET JEAN-LOUIS H [FR]
- [Y] US 6003519 A 19991221 - GUERET JEAN-LOUIS H [FR]
- [YD] US 5937870 A 19990817 - GUERET JEAN-LOUIS H [FR]
- [YD] FR 2749490 A1 19971212 - OREAL [FR]
- [PA] US 6237609 B1 20010529 - VASAS MARTIN M [US]

Cited by

FR3112069A1; WO2021204659A1; FR3020254A1; FR3037489A1; EP2923600A1; FR3019016A1; EP2923603A1; FR3019015A1; WO2018114799A1; WO2018091404A1; US8210186B2; US9427075B2; US9591909B2; US8944714B2; WO2009053926A3; WO2015166401A1; WO2016202929A1; US8777503B2; WO2016169863A1; US11583062B2; US7866327B1; US9668565B2; EP2330941B1

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