

Title (en)

DEVICE FOR APPLYING A FLOWING OR PASTE-LIKE PRODUCT TO KERATIN FIBRES

Title (de)

VORRICHTUNG ZUR APPLIKATION EINES FLIESSFÄHIGEN ODER PASTÖSEN PRODUKTES AUF KERATINFASERN

Title (fr)

DISPOSITIF APPLICATEUR D'UN PRODUIT DE TYPE FLUIDE OU PATEUX SUR DES FIBRES KERATINIQUES

Publication

EP 3282888 A1 20180221 (FR)

Application

EP 16723408 A 20160412

Priority

- FR 1553258 A 20150414
- FR 2016050840 W 20160412

Abstract (en)

[origin: WO2016166462A1] The present invention relates to a device for applying a flowing or paste-like product to keratin fibers, comprising an elongate central core (1) extending along a longitudinal axis XX, at least one row of elongate bristles (2) comprising a first end (20) embedded on the core and a second, free end (21), the bristles (2) and the core (1) being made in one piece. According to the invention, at least one of bristles has a flattened shape in a plane substantially perpendicular to axis XX, said at least one bristle being defined in a front view by a first ridge (25) that is continuously convex or concave from the base (20) thereof embedded in the core (1) up to the second end (21), and by a second ridge (26) consecutively concave and convex from the base (20) thereof embedded in the core up to the second end (21), the first and second ridges meeting at the free end (21). The bristles have a slit (24) in the body thereof for defining a first (22) and a second (23) side flank arranged opposite one another. Two bristles consecutively rooted along the length of the applicator may form at least one distal opening (30) between one another.

IPC 8 full level

A46B 9/02 (2006.01)

CPC (source: EP US)

A46B 3/005 (2013.01 - US); **A46B 9/021** (2013.01 - EP US); **A46B 9/028** (2013.01 - US); **A46B 2200/1053** (2013.01 - EP US)

Citation (search report)

See references of WO 2016166462A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016166462 A1 20161020; EP 3282888 A1 20180221; EP 3282888 B1 20211222; FR 3034969 A1 20161021; FR 3034969 B1 20180907; JP 2018514274 A 20180607; JP 6974902 B2 20211201; US 10849415 B2 20201201; US 2018116388 A1 20180503

DOCDB simple family (application)

FR 2016050840 W 20160412; EP 16723408 A 20160412; FR 1553258 A 20150414; JP 2017554254 A 20160412; US 201615565800 A 20160412