

Title (en)

APPLICATOR DEVICE FOR APPLYING A FLUID OR PASTY PRODUCT TO KERATIN FIBRES

Title (de)

APPLIKATORVORRICHTUNG ZUM AUFTRAGEN EINES FLÜSSIGEN ODER PASTÖSEN PRODUKTS AUF KERATINFASERN

Title (fr)

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

Publication

EP 3328241 B1 20190320 (FR)

Application

EP 16760121 A 20160725

Priority

- FR 1557408 A 20150731
- FR 2016051933 W 20160725

Abstract (en)

[origin: WO2017021620A1] The invention relates to a one-piece applicator device for applying a fluid or pasty product to keratin fibres, comprising a core (1) that extends along a longitudinal axis XX and at least one flexible stem (2) that is embedded at at least a first and a second point along the longitudinal core, said stem extending substantially along the longitudinal axis XX, spikes being provided on the core and/or on said at least one stem. According to the invention the core (1) is provided with at least one through-opening (4) and said at least one flexible stem (2) extends substantially in a radial plane and has at least a first and a second curve along its length, such that said stem crosses said at least one opening (4) without contact in order to ensure mobility in a radial plane of the device.

IPC 8 full level

A46B 9/02 (2006.01)

CPC (source: EP US)

A46B 9/021 (2013.01 - EP US); **A45D 34/042** (2013.01 - US); **A46B 2200/1053** (2013.01 - EP US); **A46B 2200/106** (2013.01 - US)

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

DOCDB simple family (publication)

FR 3039382 A1 20170203; **FR 3039382 B1 20170811**; EP 3328241 A1 20180606; EP 3328241 B1 20190320; JP 2018535760 A 20181206; JP 6764598 B2 20201007; US 10888152 B2 20210112; US 2018220785 A1 20180809; WO 2017021620 A1 20170209

DOCDB simple family (application)

FR 1557408 A 20150731; EP 16760121 A 20160725; FR 2016051933 W 20160725; JP 2018524559 A 20160725; US 201615749220 A 20160725