

Title (en)

Device for applying a product, especially cosmetics, covered with a flocking of different fibre types

Title (de)

Auftragsvorrichtung für ein mit einem Überzug von verschiedenen Fasertypen bedeckten Produkt, insbesondere Kosmetika

Title (fr)

Dispositif d'application d'un produit, notamment cosmétique, recouvert d'un floquage de différents types de fibres

Publication

EP 1358818 A1 20031105 (FR)

Application

EP 03290794 A 20030328

Priority

FR 0205434 A 20020430

Abstract (en)

The applicator, comprising a holder (41) and a stem (40) with a tip (10) that is inserted in a product (P) to be applied, has the tip covered with flocked fibres of at least two different materials, forming irregularities that are visible to the naked eye and/or perceptible to the touch. The applicator, comprising a holder (41) and a stem (40) with a tip (10) that is inserted in a product (P) to be applied, has the tip covered with flocked fibres of at least two different materials, forming irregularities that are visible to the naked eye and/or perceptible to the touch. The fibre mixture contains preferably 10 - 90 per cent of one type, which can be of a polymer, cotton or cellulose and have cross-sections with a wide range of configurations, from geometrical shapes to letters of the alphabet, between 0.01 and 3 mm long and 0.01 - 0.6 mm in diameter.

Abstract (fr)

La présente invention concerne un dispositif d'application (10) d'un produit (P) comprenant un support (11) définissant au moins une surface (12) exempte de relief s'étendant continûment sur sensiblement toute la longueur du support, la surface (12) étant au moins en partie recouverte d'un revêtement de flochage formé d'un mélange d'au moins deux fibres (13) différentes de manière à définir, à la surface du revêtement de flochage, des irrégularités visibles à l'oeil nu et/ou perceptibles au toucher et, aptes à permettre au dispositif d'application de se charger en produit. <IMAGE>

IPC 1-7

A45D 40/26; **A46B 9/02**

IPC 8 full level

A45D 34/04 (2006.01); **A45D 34/00** (2006.01); **A45D 40/26** (2006.01); **A46B 9/02** (2006.01); **A46B 9/06** (2006.01); **B05D 1/14** (2006.01); **B65D 51/32** (2006.01)

CPC (source: EP KR)

A45D 40/26 (2013.01 - KR); **A45D 40/261** (2013.01 - EP); **A45D 40/265** (2013.01 - EP); **A46B 9/021** (2013.01 - EP); **A46B 9/06** (2013.01 - EP); **A45D 2200/10** (2013.01 - EP); **A46B 2200/1046** (2013.01 - EP)

Citation (search report)

- [XY] US 5491865 A 19960220 - GUERET JEAN-LOUIS H [FR]
- [X] FR 2812176 A1 20020201 - OREAL [FR]
- [X] FR 2796532 A1 20010126 - OREAL [FR]
- [X] FR 2759872 A1 19980828 - OREAL [FR]
- [Y] FR 950627 A 19491003

Cited by

WO2012137134A1; EP2532268A1; US2023363515A1; FR2973667A1; US2021093068A1; US11058203B2; USD889745S; US10874193B2; US8777503B2; US9170177B2; US10092275B2; US9427075B2; USD910236S; WO2020002410A1; WO2009053929A1; US8944714B2; US9428788B2; USD886633S; EP3643198A1; IT201800009780A1; US8114027B2; US8979784B2; US9011358B2; US10327741B2; US11364018B2; US11446012B2; EP2207455A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1358818 A1 20031105; **EP 1358818 B1 20060823**; AT E336920 T1 20060915; BR 0301202 A 20040302; BR 0301202 B1 20140520; CN 100506396 C 20090701; CN 1454717 A 20031112; DE 60307714 D1 20061005; DE 60307714 T2 20071004; ES 2269938 T3 20070401; FR 2838936 A1 20031031; FR 2838936 B1 20041224; JP 2004000587 A 20040108; KR 100523428 B1 20051025; KR 20030085482 A 20031105

DOCDB simple family (application)

EP 03290794 A 20030328; AT 03290794 T 20030328; BR 0301202 A 20030417; CN 03124129 A 20030429; DE 60307714 T 20030328; ES 03290794 T 20030328; FR 0205434 A 20020430; JP 2003124822 A 20030430; KR 20030026195 A 20030425