

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 B1 20060823 (FR)**

Application

**EP 03290794 A 20030328**

Priority

FR 0205434 A 20020430

Abstract (en)

[origin: EP1358818A1] 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.

IPC 8 full level

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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 (examination)

- FR 2759873 A1 19980828 - OREAL [FR]
- US 2002023658 A1 20020228 - GUERET JEAN-LOUIS H [FR]

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

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