

Title (en)

Applicator as well as package and application apparatus comprising such an applicator

Title (de)

Auftragevorrichtung und Aufbewahrungs- und Ausgabevorrichtung mit einer solchen Auftragevorrichtung

Title (fr)

Applicateur et dispositif de conditionnement et d'application comportant un tel applicateur

Publication

EP 1738894 A1 20070103 (FR)

Application

EP 06291068 A 20060628

Priority

FR 0551825 A 20050629

Abstract (en)

The applicator has a rod with stamped portions forming articulations, and an application unit (6) arranged at an end (5) of the rod, where the rod is previously provided with the unit during a stamping operation. The unit has a tuft of bristles, a felt and a flocking or foam covering. One of the portions is arranged in the lower half of the rod in order to deform the rod near the unit. The rod is formed of a thermoplastic material and has another end (8) with a fixing tip in a gripping unit (9). Independent claims are also included for the following: (1) a cosmetic product packing and application device having an applicator (2) a method for fabricating an applicator (3) a machine for fabricating a cosmetic product applicator.

IPC 8 full level

B30B 1/00 (2006.01); **A45D 34/04** (2006.01); **A45D 40/26** (2006.01); **A45D 40/28** (2006.01); **A46B 1/00** (2006.01)

CPC (source: EP US)

A45D 34/045 (2013.01 - EP US); **A46B 5/0062** (2013.01 - EP US); **A46B 5/0066** (2013.01 - EP US); **A46B 9/028** (2013.01 - EP US); **A46B 2200/1046** (2013.01 - EP US)

Citation (applicant)

- FR 2722380 A1 19960119 - OREAL [FR]
- FR 2722381 A1 19960119 - OREAL [FR]
- EP 1504691 A1 20050209 - OREAL [FR]

Citation (search report)

- [X] DE 2737667 A1 19790222 - DAHM KLAUS PETER
- [X] US 5888005 A 19990330 - GUERET JEAN-LOUIS [FR]
- [A] US 2559825 A 19510710 - MCKINNEY JR ANSEL
- [A] EP 1477083 A1 20041117 - OREAL [FR]

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CN105581499A; FR3126604A1; ITMI20110515A1; FR2996739A1; US11266219B2; WO2015121879A1; WO2016110492A1; WO2011051852A2; US8651760B2; EP3242572B1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1738894 A1 20070103; **EP 1738894 B1 20110518**; AT E509759 T1 20110615; BR PI0602363 A 20070221; BR PI0602363 B1 20180612; CN 100502718 C 20090624; CN 1891101 A 20070110; ES 2366374 T3 20111019; FR 2887751 A1 20070105; FR 2887751 B1 20070914; JP 2007007431 A 20070118; US 2007000513 A1 20070104; US 2010007193 A1 20100114; US 8454097 B2 20130604

DOCDB simple family (application)

EP 06291068 A 20060628; AT 06291068 T 20060628; BR PI0602363 A 20060628; CN 200610082897 A 20060619; ES 06291068 T 20060628; FR 0551825 A 20050629; JP 2006205342 A 20060629; US 47431306 A 20060626; US 58533309 A 20090911