

Title (en)

Applicator and device for storing, comprising such an applicator

Title (de)

Auftragelement und Vorrichtung zum Aufbewahren und zum Auftragen bestehend aus einem solchen Auftragelement

Title (fr)

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

Publication

EP 1504691 A1 20050209 (FR)

Application

EP 04300499 A 20040730

Priority

FR 0309604 A 20030804

Abstract (en)

Cosmetic applicator, designed for use with a container (2) of a cosmetic product, especially nail varnish, comprises a stem (4) with an applicator tip (6) at one end (5) and a holder (9), which can be combined with a container cap, at the other end (8). Cosmetic applicator, designed for use with a container (2) of a cosmetic product, especially nail varnish, comprises a stem (4) with an applicator tip (6) at one end (5) and a holder (9), which can be combined with a container cap, at the other end (8). The stem has a flexible zone with a shape memory effect between its two ends and its distal section, between the flexible zone and tip, is virtually inflexible and approximately twice as long as the proximal section. The flexible zone allows the distal section of the stem to bend at an angle of 30 degrees, and preferably 45 to 60 degrees, to the proximal section. The cross-section of the stem can be circular or in other shapes, while that of the flexible zone is flattened and oblong.

Abstract (fr)

La présente invention concerne un applicateur de produit cosmétique comportant : une tige (4), un organe d'application (6) disposé à une première extrémité (5) de la tige, un organe de préhension (9) disposé à une deuxième extrémité (8) de la tige, cette deuxième extrémité étant située à l'opposé de la première, applicateur caractérisé par le fait que la tige comporte une partie flexible à mémoire de forme et par le fait que la tige comporte une moitié inférieure sensiblement non flexible. <IMAGE>

IPC 1-7

A45D 40/26; **A46B 5/06**; **A46B 11/00**

IPC 8 full level

A45D 34/04 (2006.01); **A45D 40/26** (2006.01); **A46B 5/00** (2006.01); **A46B 5/06** (2006.01); **A46B 9/02** (2006.01); **A46B 11/00** (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 9/021** (2013.01 - EP US); **A46B 11/0006** (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]
- FR 2705876 A1 19941209 - OREAL [FR]
- US 2173959 A 19390926 - BRITT FRANK W

Citation (search report)

- [X] US 4428388 A 19840131 - CASSAI GINO H [US], et al
- [XY] US 6227737 B1 20010508 - LIGHTFOOT MARK ROGER [GB]
- [Y] US 3763870 A 19731009 - MONTGOMERY R, et al

Cited by

DE102012108073A1; WO2013118158A1; FR2898257A1; FR2890296A1; FR2951918A1; FR3059528A1; ITTO20120110A1; EP1917883A3; FR2908018A1; WO2013118157A1; WO2014013448A1; WO2011055339A2; WO2011055339A3; WO2011051852A2; US8651760B2; DE202012012494U1; WO2014033248A1; EP1738894A1; FR2887751A1; US8454097B2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1504691 A1 20050209; **EP 1504691 B1 20100303**; AT E459263 T1 20100315; BR PI0403161 A 20050329; CN 1650772 A 20050810; CN 1650772 B 20101208; DE 602004025771 D1 20100415; ES 2341002 T3 20100614; FR 2858529 A1 20050211; FR 2858529 B1 20060217; JP 2005052649 A 20050303; JP 4006422 B2 20071114; US 2005031401 A1 20050210; US 7344327 B2 20080318

DOCDB simple family (application)

EP 04300499 A 20040730; AT 04300499 T 20040730; BR PI0403161 A 20040729; CN 200410070348 A 20040729; DE 602004025771 T 20040730; ES 04300499 T 20040730; FR 0309604 A 20030804; JP 2004227767 A 20040804; US 91032904 A 20040804