

Title (en)
Applicator, in particular for cosmetics

Title (de)
Applikator, insbesondere für Kosmetik

Title (fr)
Dispositif d'application d'un produit, notamment cosmétique

Publication
EP 1428455 A1 20040616 (FR)

Application
EP 03292858 A 20031118

Priority
FR 0215748 A 20021212

Abstract (en)
The applicator for a product (P) in stick form, having a lengthwise axis (X), consists of a support (20) and a sliding outer sleeve (30) that forms, together with the support, a cavity for the product. One end (31) of the cavity is open to receive the product, which is covered by a cap when not in use. The upper end of the support has a rim that slides against the inner surface of the sleeve, and its lower end has a base (26) to receive the edge of the cap. The underside of the base has a hole for inserting the product, which can be covered by a seal or label. The lower edge of the sleeve has a collar that projects inwards to engage with the support rim and limit its movement.

Abstract (fr)
La présente invention concerne un dispositif d'application (10 ; 100) d'un produit (P), notamment cosmétique, d'axe longitudinal X, comportant un support (20 ; 120) et une enveloppe latérale (30 ; 130) délimitant au moins en partie avec le support (20 ; 120) un logement pour le produit, une extrémité (31 ; 134) du logement opposée au support formant au moins une ouverture (35 ; 135), l'enveloppe étant montée sur le support de manière à pouvoir coulisser selon l'axe X en se déplaçant par rapport au produit en direction du support, le dispositif comportant en outre un capuchon de fermeture (40 ; 140) configuré pour se fixer de manière réversible sur le support (20 ; 120). <IMAGE>

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Citation (search report)
• [XY] EP 0503324 A1 19920916 - PACKAGE RES CORP [US]
• [XY] US 3443874 A 19690513 - PELLI PIERRE, et al
• [XY] FR 1524080 A 19680510 - VALVE CORP OF AMERICA
• [Y] US 6086276 A 20000711 - GUERET JEAN-LOUIS [FR]
• [Y] DE 19647617 A1 19980520 - ERN GUENTER [DE]
• [A] US 2502716 A 19500404 - GREENE HOWARD B

Cited by
WO2012105963A1; FR2930122A1; CN113243651A; EP2708154A1; AU2011357732B2; WO2009127968A1; US9375069B2; WO2013041536A1; US9826814B2; US10737080B2

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