

Title (en)
Cold effect applicator tip

Title (de)
Verschluss mit Applikator mit Kälteeffekt

Title (fr)
Embout applicateur à effet froid

Publication
EP 2687120 A1 20140122 (FR)

Application
EP 13176432 A 20130715

Priority
FR 1257054 A 20120720

Abstract (en)
The tip (1) is made of plastic material including organic loads, metal loads or a mixture of organic and metal loads, where the organic loads are made of graphite, carbon fiber or a mixture of graphite and carbon fiber. The plastic material contains preferably 40 wt.% organic loads. The plastic material comprises a plastic base in polyetheretherketone, polysulfide of phenylene, polyphthalamide, polyamide, polyimide, polyoxymethylene, polyimide-amidates or elastomers. An independent claim is also included for a container.

Abstract (fr)
La présente demande concerne un embout applicateur à effet froid pour produits cosmétiques, caractérisé en ce que l'embout applicateur est en un matériau plastique comprenant des charges organiques, des charges métalliques ou un mélange des deux. La présente demande concerne également un récipient pour produits cosmétiques avec embout applicateur à effet froid, comprenant un réservoir pour contenir un produit cosmétique et l'embout applicateur ci-dessus.

IPC 8 full level
A45D 34/04 (2006.01)

CPC (source: EP US)
A45D 34/04 (2013.01 - EP US); **A45D 40/26** (2013.01 - US); **A45D 2200/15** (2013.01 - EP US)

Citation (applicant)
• US 2003100936 A1 20030529 - ALTSHULER GREGORY [US], et al
• US 7883287 B2 20110208 - THORPE TIMOTHY [US]

Citation (search report)
• [XY] US 2007186951 A1 20070816 - GUERET JEAN-LOUIS H [FR]
• [Y] DATABASE COMPENDEX [online] ENGINEERING INFORMATION, INC., NEW YORK, NY, US; October 2007 (2007-10-01), FEI H ET AL: "Thermal conduction of thermoplastic polyimide composites modified with graphite/carbon fiber", XP002695816, Database accession no. E20074810951720 & FUHE CAILIAO XUEBAO/ACTA MATERIAE COMPOSITAE SINICA OCTOBER 2007 BEIJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS (BUAA); EDITORIAL BOARD OF JOURNAL OF BUAA CN, vol. 24, no. 5, October 2007 (2007-10-01), pages 44 - 49

Citation (third parties)
Third party : Capri / Pierre KOHLER
FR 2869510 A1 20051104 - OREAL [FR]

Cited by
EP3868819A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2687120 A1 20140122; CN 103565084 A 20140212; FR 2993439 A1 20140124; FR 2993439 B1 20140725; JP 2014018656 A 20140203; US 2014023425 A1 20140123; US 9386839 B2 20160712

DOCDB simple family (application)
EP 13176432 A 20130715; CN 201310303160 A 20130718; FR 1257054 A 20120720; JP 2013143129 A 20130709; US 201313946955 A 20130719