

Title (en)

APPLICATOR ASSEMBLY FOR APPLYING A COMPOSITION

Title (de)

APPLIKATORANORDNUNG ZUM AUFTRAGEN EINER ZUSAMMENSETZUNG

Title (fr)

ENSEMBLE APPLICATEUR POUR L'APPLICATION D'UNE COMPOSITION

Publication

**EP 2840928 A1 20150304 (EN)**

Application

**EP 13720207 A 20130426**

Priority

- US 201261639446 P 20120427
- US 2013038311 W 20130426

Abstract (en)

[origin: US2013284195A1] A method for delivering a composition to the scalp including (a) providing a composition in an applicator assembly, the applicator assembly including (i) a container for holding the composition; (ii) an extended tip actuator in fluid communication with the container, the extended tip actuator including (1) a base portion configured to fluidly connect the extended tip actuator to the container; and (2) a body portion configured to fluidly connect the base portion to a hollow tine; and (iii) an engine for delivering the composition from the container through the extended tip actuator; and (b) dispensing the composition from the applicator assembly directly onto the scalp. The tine includes a face located distally from the body portion. The tine includes an aperture in fluid communication with the container. The tine has a protrusion length of from about 0.5 mm to about 100 mm.

IPC 8 full level

**A45D 24/28** (2006.01); **B65D 83/28** (2006.01)

CPC (source: EP US)

**A45D 34/00** (2013.01 - EP US); **A45D 44/00** (2013.01 - US); **B05B 11/0089** (2013.01 - EP US); **B65D 83/285** (2013.01 - EP US)

Citation (search report)

See references of WO 2013163491A1

Citation (examination)

- US 6161735 A 20001219 - UCHIYAMA TSUYOSHI [JP], et al
- US 2012097180 A1 20120426 - HARRIS JENNIFER [US], et al
- US 2003168476 A1 20030911 - SANCHEZ MARCEL [FR]
- CA 2551930 A1 20070108 - PROCTER & GAMBLE [US]

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)

**US 2013284195 A1 20131031**; CA 2870208 A1 20131031; CN 104254262 A 20141231; CN 109090809 A 20181228; EP 2840928 A1 20150304; JP 2015515495 A 20150528; JP 2017225838 A 20171228; MX 2014011551 A 20141114; WO 2013163491 A1 20131031

DOCDB simple family (application)

**US 201313871123 A 20130426**; CA 2870208 A 20130426; CN 201380022237 A 20130426; CN 201811061526 A 20130426; EP 13720207 A 20130426; JP 2015509158 A 20130426; JP 2017160076 A 20170823; MX 2014011551 A 20130426; US 2013038311 W 20130426