

Title (en)

COSMETIC APPLICATOR COMPRISING PROJECTING LOOPS

Title (de)

KOSMETISCHER APPLIKATOR MIT PROJEKTIONSSCHLEIFEN

Title (fr)

APPLICATEUR DE PRODUIT COSMETIQUE COMPRENANT DES PROTUBERANCES EN BOUCLE

Publication

**EP 3386345 A1 20181017 (FR)**

Application

**EP 16825456 A 20161206**

Priority

- FR 1561939 A 20151207
- FR 2016053225 W 20161206

Abstract (en)

[origin: WO2017098134A1] The invention relates to a mascara applicator (1) having an elongate general shape defining a longitudinal axis (9) and comprising projections (10, 11, 12). At least one of the projections (10) forms a loop defining a through-hole (17) having a main opening axis forming an angle of more than 45° with a plane radial to the longitudinal axis of the applicator.

IPC 8 full level

**A46B 3/00** (2006.01); **A46B 7/02** (2006.01); **A46B 9/00** (2006.01); **A46B 9/02** (2006.01)

CPC (source: EP KR US)

**A45D 34/045** (2013.01 - KR); **A45D 40/265** (2013.01 - KR); **A45D 40/267** (2013.01 - US); **A46B 3/005** (2013.01 - EP US);  
**A46B 7/026** (2013.01 - EP US); **A46B 9/005** (2013.01 - EP US); **A46B 9/021** (2013.01 - EP US); **B65D 51/32** (2013.01 - KR);  
**A45D 2034/002** (2013.01 - KR); **A45D 2040/0006** (2013.01 - KR); **A46B 2200/1053** (2013.01 - EP US); **B29C 64/153** (2017.08 - US);  
**B29L 2031/718** (2013.01 - US); **B33Y 50/00** (2014.12 - US); **B33Y 80/00** (2014.12 - 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)

**FR 3044529 A1 20170609; FR 3044529 B1 20201002**; CN 108289542 A 20180717; EP 3386345 A1 20181017; JP 2018536492 A 20181213;  
KR 20180089900 A 20180809; US 11457720 B2 20221004; US 2019254407 A1 20190822; WO 2017098134 A1 20170615;  
WO 2017098134 A8 20171026

DOCDB simple family (application)

**FR 1561939 A 20151207**; CN 201680066648 A 20161206; EP 16825456 A 20161206; FR 2016053225 W 20161206;  
JP 2018529262 A 20161206; KR 20187015164 A 20161206; US 201616060321 A 20161206