

Title (en)
DEVICE FOR DISPENSING AND APPLYING A COSMETIC OR CARE PRODUCT

Title (de)
VORRICHTUNG ZUR AUSGABE UND ZUM AUFTRAGEN EINES KOSMETIK- ODER PFLEGEPRODUKTS

Title (fr)
DISPOSITIF DE DISTRIBUTION ET D'APPLICATION D'UN PRODUIT COSMÉTIQUE OU DE SOIN

Publication
EP 3657978 A1 20200603 (FR)

Application
EP 18752587 A 20180718

Priority
• FR 1757086 A 20170726
• FR 2018051831 W 20180718

Abstract (en)
[origin: WO2019020907A1] The invention relates to a device for dispensing and applying a liquid, semi-fluid or pasty cosmetic or care product, having an elongate and hollow rotary body (3) and an elongate and hollow outer shaft (2) that are butted together and are rotatable with respect to one another, an applicator end piece (4) being secured to the end of the rotary body (3), said rotary body (3) and outer shaft (2) forming an interior volume in which there are formed a pierced cylinder (5) having a longitudinal duct (51), and an inner shaft (1) having an open end through which the pierced cylinder (5) is introduced and a closed end so as to form a reservoir for the cosmetic or care product (P). The pierced cylinder is fixed in translation with respect to the rotary body. The device has a mechanism for converting a rotation of the rotary body (3) with respect to the outer shaft (2) into a movement of the inner shaft (1) in translation with respect to the pierced cylinder (5) in the interior volume formed by said rotary body (3) and outer shaft (2).

IPC 8 full level
A45D 40/04 (2006.01); **A45D 34/04** (2006.01); **A45D 40/26** (2006.01)

CPC (source: EP KR US)
A45D 34/04 (2013.01 - EP KR US); **A45D 40/04** (2013.01 - EP KR); **A45D 40/26** (2013.01 - EP KR); **A45D 40/265** (2013.01 - US); **A45D 40/04** (2013.01 - US); **A45D 2040/0006** (2013.01 - US); **A45D 2200/053** (2013.01 - EP KR US); **A45D 2200/055** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2019020907A1

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)
WO 2019020907 A1 20190131; CN 110996714 A 20200410; CN 110996714 B 20221129; EP 3657978 A1 20200603; EP 3657978 B1 20211006; FR 3069422 A1 20190201; FR 3069422 B1 20210716; JP 2020527994 A 20200917; JP 6945056 B2 20211006; KR 102393712 B1 20220502; KR 20200073201 A 20200623; US 11076676 B2 20210803; US 2020214421 A1 20200709

DOCDB simple family (application)
FR 2018051831 W 20180718; CN 201880048260 A 20180718; EP 18752587 A 20180718; FR 1757086 A 20170726; JP 2020503972 A 20180718; KR 20207005557 A 20180718; US 201816633988 A 20180718