

Title (en)
SINGLE-USE DEFORMABLE CAPSULE CONTAINING A COSMETIC PRODUCT

Title (de)
VERFORMBARE EINWEGKAPSEL MIT EINEM KOSMETISCHEN PRODUKT

Title (fr)
CAPSULE DEFORMABLE A USAGE UNIQUE CONTENANT UN PRODUIT COSMETIQUE

Publication
EP 3849376 A1 20210721 (FR)

Application
EP 19752531 A 20190814

Priority
• FR 1858286 A 20180914
• EP 2019071885 W 20190814

Abstract (en)
[origin: WO2020052898A1] The invention relates to a single-use deformable capsule comprising: a pouch (11, 41): containing a cosmetic product, of which the periphery (16, 46) is formed by two sheets (2 and 3, 5 and 6) pressed firmly together and joined to one another, a canal (20, 50): connecting the pouch (11, 41) to the outside of the capsule (1, 4), forming a narrowing of cross-section relative to the pouch (1, 4), a frangible wall (13, 43): separating the pouch (11, 41) from the canal (20, 50), having the form of a salient angular sector (13, 43) projecting into the otherwise convex shape of the periphery (16, 46) of the pouch (11, 41), of which the breakage, brought about by pressure applied to the pouch (11, 41), comes about by the peeling-apart, at this salient angular sector (13, 43), of these two sheets (2 and 3, 5 and 6) which are pressed firmly together and joined to one another, places the pouch (11, 41) in communication with the canal (20, 50) so that the cosmetic product flows from the pouch (11, 41) towards the canal (20, 50), a connector (14, 44): male (44) or female (14), intended to couple with a connector, female (14) or male (44), of another capsule (1, 4), rigid enough to provide a fluidtight connection between the capsules (1, 4), once the connectors (14, 44) have been coupled to one another, situated at an opposite end (52) of the canal (50) to an end (51) of the canal (50) that is situated at the pouch (41) end, or else situated at an opening (22) of the canal (20) that is distinct from that end (21) of the canal (2) that is situated at the pouch (11) end, opening to the outside of the capsule (1).

IPC 8 full level
A45D 37/00 (2006.01); **A45D 40/00** (2006.01); **A45D 40/24** (2006.01)

CPC (source: CN EP KR US)
A45D 34/00 (2013.01 - CN US); **A45D 37/00** (2013.01 - EP KR); **A45D 40/0087** (2013.01 - EP KR); **A45D 40/24** (2013.01 - EP KR); **B65D 83/0055** (2013.01 - US); **A45D 2034/005** (2013.01 - US); **A45D 2034/007** (2013.01 - CN); **A45D 2200/054** (2013.01 - US); **A45D 2200/058** (2013.01 - US); **A45D 2200/15** (2013.01 - EP KR)

Citation (search report)
See references of WO 2020052898A1

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 2020052898 A1 20200319; CN 110897303 A 20200324; CN 212307107 U 20210108; EP 3849376 A1 20210721; FR 3085842 A1 20200320; FR 3085842 B1 20210108; JP 2021535876 A 20211223; JP 7087194 B2 20220620; KR 102492048 B1 20230127; KR 20210040147 A 20210412; US 11623814 B2 20230411; US 2022055820 A1 20220224

DOCDB simple family (application)
EP 2019071885 W 20190814; CN 201910872564 A 20190916; CN 201921534187 U 20190916; EP 19752531 A 20190814; FR 1858286 A 20180914; JP 2021514046 A 20190814; KR 20217007615 A 20190814; US 201917275402 A 20190814