

Title (en)
DEVICE FOR ASSEMBLING A BOTTLE AND AN APPLICATOR, AND ASSEMBLY OF APPLICATOR AND BOTTLE COMPRISING SUCH DEVICE

Title (de)
VORRICHTUNG ZUM VERBINDEN EINER FLASCHE MIT EINEM APPLIKATOR, UND ANORDNUNG MIT EINEM APPLIKATOR UND SOLCH EINER VORRICHTUNG

Title (fr)
DISPOSITIF D'ASSEMBLAGE ENTRE UNE FLACONNETTE ET UN APPLICATEUR, ET ENSEMBLE D'UN APPLICATEUR ET D'UNE FLACONNETTE COMPRENANT UN TEL DISPOSITIF

Publication
EP 3229645 B1 20210421 (FR)

Application
EP 15808192 A 20151210

Priority
• FR 1462247 A 20141211
• EP 2015079326 W 20151210

Abstract (en)
[origin: WO2016092049A1] The invention relates to an device for assembling a bottle (21) and an applicator (11), said device being intended to occupy a first position in which the bottle (21) and the applicator (11) are assembled, referred to as the assembled position, and a second position in which the bottle (21) and the applicator (11) are free, referred to as the use position, said device comprising a first part and a second part, said first part comprising a cam (12) and said second part comprising a cam track (22), said cam track (22) being open to enable said cam (12) to leave said cam track (22). The invention also relates to an applicator (11) comprising one of the parts (12, 22) of said assembly device. The invention further relates to an assembly of an applicator (11) and a bottle (21) comprising such assembly device.

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

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

Citation (examination)
• US 2012177432 A1 20120712 - VANONCINI STEFANO [IT], et al
• US 2010143021 A1 20100610 - DE LAFORCADE VINCENT [FR]
• GB 883600 A 19611206 - CRYSTAL PRODUCTS COMPANY LTD
• EP 1369056 A1 20031210 - OREAL [FR]

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

DOCDB simple family (publication)
WO 2016092049 A1 20160616; BR 112017010686 A2 20180214; CN 106998881 A 20170801; EP 3229645 A1 20171018;
EP 3229645 B1 20210421; FR 3029755 A1 20160617; FR 3029755 B1 20161216; US 2017340089 A1 20171130

DOCDB simple family (application)
EP 2015079326 W 20151210; BR 112017010686 A 20151210; CN 201580066240 A 20151210; EP 15808192 A 20151210;
FR 1462247 A 20141211; US 201515619474 A 20151210