

Title (en)

DEVICE FOR PACKAGING AND DISPENSING A PRODUCT WITH CHILD SAFETY

Title (de)

VORRICHTUNG ZUR VERPACKUNG UND AUSGABE EINES PRODUKTS MIT KINDERSICHERUNG

Title (fr)

DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION DE PRODUIT AVEC SECURITE ENFANT

Publication

EP 4142950 A1 20230308 (FR)

Application

EP 21723885 A 20210408

Priority

- FR 2004173 A 20200427
- FR 2021050620 W 20210408

Abstract (en)

[origin: CA3172189A1] The invention relates to a product packaging and dispensing device (10) which comprises a container (12) containing the product to be dispensed; a sub-assembly attached to the container (12) and comprising a grooved neck (14), a pump (16) and a push member (18) actuating the pump (16) by manual pressure; and a closure cap (20) having a first ribbed cylindrical wall (200) engaging on the grooved neck (14), thus forming a bayonet-type connection system. The sub-assembly has an annular surface (140) provided with at least one lug (142). The cover (20) has a second wall (300) provided with at least one axial rib (304) abutting against the at least one lug (142) when the cover (20) is in a closed position. The second wall (300) has two diametrically opposed regions (306) that can be deformed by manual pressure so as to allow rotation of the cover (20) by releasing the at least one rib (304) from the at least one lug (142).

IPC 8 full level

B05B 11/00 (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP IL KR US)

B05B 11/0032 (2013.01 - EP IL KR); **B05B 11/1047** (2023.01 - IL KR US); **B05B 11/1059** (2023.01 - US); **B65D 50/046** (2013.01 - EP IL KR US); **B05B 11/1047** (2023.01 - EP)

Citation (search report)

See references of WO 2021219946A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3109538 A1 20211029; **FR 3109538 B1 20220325**; BR 112022020989 A2 20221206; CA 3172189 A1 20211104; CN 115551644 A 20221230; EP 4142950 A1 20230308; IL 297556 A 20221201; JP 2023523270 A 20230602; KR 20230005292 A 20230109; US 2023158529 A1 20230525; WO 2021219946 A1 20211104

DOCDB simple family (application)

FR 2004173 A 20200427; BR 112022020989 A 20210408; CA 3172189 A 20210408; CN 202180029627 A 20210408; EP 21723885 A 20210408; FR 2021050620 W 20210408; IL 29755622 A 20221023; JP 2022564611 A 20210408; KR 20227041303 A 20210408; US 202117919489 A 20210408