

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLÜSSIGPRODUKTSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 3414018 B1 20191127 (FR)

Application
EP 17711708 A 20170206

Priority
• FR 1651131 A 20160212
• FR 2017050263 W 20170206

Abstract (en)
[origin: WO2017137684A1] Fluid product dispenser comprising a deformable external shell (1) and a flexible internal pouch (2) placed inside the shell (1) so that these define between them an air-filled compression space (E), the pouch (2) containing a fluid product dispensed through a dispensing valve (4), the compression space (E) communicating with the outside through an air intake valve (5) so that deformation of the shell (1) places the air contained in the compression space (E) under pressure, this air under pressure acting on the pouch (2) the fluid product of which is therefore discharged through the dispensing valve (4), the dispenser also comprising a head (3) attached to the shell (1) and the pouch (2), the head (3) comprising a first valve support (34) on which the dispensing valve (4) is mounted, and a second valve support (35) on which the air intake valve (5) is mounted, characterized in that the dispenser further comprises a band (6) attached in a non-fluidtight manner to the deformable external shell (1), this band (6) holding the head (3) in place on the deformable external shell (1) and the flexible internal pouch (21), the band (6) comprising an opening (63) in which the dispensing valve (4) is positioned.

IPC 8 full level
B05B 11/00 (2006.01); **B05B 11/04** (2006.01)

CPC (source: EP KR US)
B05B 11/0044 (2018.08 - EP KR US); **B05B 11/007** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/047** (2013.01 - EP KR US); **B05B 11/048** (2013.01 - EP KR 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

DOCDB simple family (publication)
WO 2017137684 A1 20170817; CN 108602081 A 20180928; CN 108602081 B 20201222; EP 3414018 A1 20181219; EP 3414018 B1 20191127; FR 3047646 A1 20170818; FR 3047646 B1 20210625; JP 2019508330 A 20190328; JP 6926100 B2 20210825; KR 102659170 B1 20240419; KR 20180111876 A 20181011; US 10549295 B2 20200204; US 2019022680 A1 20190124

DOCDB simple family (application)
FR 2017050263 W 20170206; CN 201780009175 A 20170206; EP 17711708 A 20170206; FR 1651131 A 20160212; JP 2018542220 A 20170206; KR 20187024819 A 20170206; US 201716072280 A 20170206