

Title (en)
FLUID DISPENSER

Title (de)
FLÜSSIGKEITSSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 2943285 A1 20151118 (FR)

Application
EP 14705808 A 20140109

Priority
• FR 1350273 A 20130111
• FR 2014050027 W 20140109

Abstract (en)
[origin: US2014197208A1] A refillable fluid dispenser comprising: a fluid reservoir (1) defining a neck (11) and a bottom wall (13); a filling valve (2); a dispenser member (4), such as a pump; a pusher (6) that is mounted on the dispenser member (4); and a vent channel (12) that extends along the fluid reservoir (1) and that is made integrally with the fluid reservoir (1); the dispenser being characterized in that it includes a stationary element (20) that is mounted on the bottom wall (13) of the fluid reservoir (1), the stationary element (20) forming a vent passage (221, 222) that connects the outlet of the vent channel (12) to the outside.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP US)
B05B 11/0056 (2013.01 - EP US); **B05B 11/1001** (2023.01 - US)

Citation (search report)
See references of WO 2014108637A1

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)
US 2014197208 A1 20140717; **US 9352346 B2 20160531**; BR 112015016509 A2 20170711; BR 112015016509 B1 20201110;
CN 104837565 A 20150812; CN 104837565 B 20170728; EP 2943285 A1 20151118; EP 2943285 B1 20170308; ES 2621327 T3 20170703;
FR 3000944 A1 20140718; FR 3000944 B1 20150116; WO 2014108637 A1 20140717

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