

Title (en)
PORTABLE LIQUID DISPENSER

Title (de)
TRAGBARER FLÜSSIGKEITSSPENDER

Title (fr)
DISTRIBUTEUR PORTABLE

Publication
EP 3517454 A4 20191120 (EN)

Application
EP 17852469 A 20170920

Priority
• ES 201631147 U 20160921
• ES 2017070620 W 20170920

Abstract (en)
[origin: EP3517454A1] A portable liquid dispenser comprises a container, inside which a deformable bag is arranged, in which the liquid is stored and which is provided with a valve (2) for introducing air between the walls of the container and the deformable bag. Also provided are holes in the upper part of the container for letting liquid into and/or out of the bag, a manometer being arranged in the container to control the pressure of the fluid inside the bag. The device can be used, for example, as a portable shower that supplies water under pressure.

IPC 8 full level
B65D 37/00 (2006.01); **B65D 35/00** (2006.01); **B67D 1/04** (2006.01); **F15B 1/16** (2006.01)

CPC (source: EP US)
B65D 35/00 (2013.01 - EP US); **B65D 37/00** (2013.01 - EP US); **B65D 83/0055** (2013.01 - US); **B67D 1/0462** (2013.01 - EP US); **F15B 1/16** (2013.01 - EP US)

Citation (search report)
• [A] ES 1098105 U 20140121 - ASECIO SANCHEZ ANTONIO JOAQUIN [ES]
• [A] US 5911520 A 19990615 - KENNEY DANIEL R [US]
• [A] US 3080568 A 19630312 - BURNETT HARVEY L
• [A] GB 2333129 A 19990714 - WHITE THOMAS DAVID [GB], et al
• See references of WO 2018055223A1

Cited by
WO2022153344A1

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)
EP 3517454 A1 20190731; EP 3517454 A4 20191120; EP 3517454 B1 20221102; ES 1166710 U 20161006; ES 1166710 Y 20170103; ES 2937798 T3 20230331; US 2019283956 A1 20190919; WO 2018055223 A1 20180329

DOCDB simple family (application)
EP 17852469 A 20170920; ES 17852469 T 20170920; ES 201631147 U 20160921; ES 2017070620 W 20170920; US 201716334900 A 20170920