

Title (en)

DEVICE AND METHOD FOR DISPENSING DROPS OF LIQUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABGABE VON FLÜSSIGKEITSTROPFEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DISTRIBUTION DE GOUTTES DE LIQUIDE

Publication

**EP 4055355 A1 20220914 (FR)**

Application

**EP 20816411 A 20201109**

Priority

- FR 1912579 A 20191108
- EP 2020081543 W 20201109
- EP 18305576 A 20180509

Abstract (en)

[origin: WO2019215417A1] The invention relates to a reservoir (100) for a liquid, comprising: at least one inner chamber (104) and an upper mouth (102), each chamber being provided with an inner opening; and a stopper (130) which closes the upper mouth, the stopper having a substantially flat, elastically deformable flexible part (133). In modes of embodiment, the deformation resistance of the flexible part towards the inside of the reservoir tapers off during the deformation of said part. In modes of embodiment, the reservoir comprises a main chamber comprising a quantity of liquid and comprising a lower opening for distribution of the liquid, and a secondary chamber positioned between the stopper and the main chamber, the secondary chamber being separated from the main chamber by a tight separating wall provided with the inner opening of the secondary chamber, which fluidically connects the main chamber and the secondary chamber.

IPC 8 full level

**G01F 11/08** (2006.01); **A61L 9/12** (2006.01); **B01L 3/02** (2006.01)

CPC (source: EP US)

**A61L 9/12** (2013.01 - US); **A61L 9/125** (2013.01 - EP); **A61L 9/14** (2013.01 - EP); **B01F 33/841** (2022.01 - EP); **B01F 35/71745** (2022.01 - EP); **B01F 35/71795** (2022.01 - EP); **B01L 3/0268** (2013.01 - EP); **B05B 1/02** (2013.01 - US); **B05B 11/048** (2013.01 - US); **G01F 11/08** (2013.01 - EP US); **A61L 9/12** (2013.01 - EP); **A61L 2209/111** (2013.01 - EP US); **A61L 2209/133** (2013.01 - EP); **A61L 2209/134** (2013.01 - EP US); **B01F 2101/21** (2022.01 - EP); **B01L 3/0241** (2013.01 - EP); **B01L 2200/143** (2013.01 - EP); **B01L 2300/0663** (2013.01 - EP); **B01L 2300/123** (2013.01 - EP); **B01L 2400/0481** (2013.01 - EP)

Citation (search report)

See references of WO 2021089880A1

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 3567348 A1 20191113**; EP 4055355 A1 20220914; FR 3095763 A1 20201113; FR 3095763 B1 20210723; US 2022381600 A1 20221201; WO 2019215417 A1 20191114; WO 2021089880 A1 20210514

DOCDB simple family (application)

**EP 18305576 A 20180509**; EP 2020081543 W 20201109; EP 20816411 A 20201109; FR 1912579 A 20191108; FR 2019051056 W 20190509; US 202017755789 A 20201109