

Title (en)

FLUID-RELEASE UNIT AND MANUAL METERING DEVICE WITH AT LEAST ONE FLUID-RELEASE UNIT

Title (de)

FLUIDABGABEEINHEIT UND HANDDOSIERVORRICHTUNG MIT WENIGSTENS EINER FLUIDABGABEEINHEIT

Title (fr)

UNITÉ DE DISTRIBUTION DE FLUIDE ET DISPOSITIF DE DOSAGE MANUEL COMPRENANT AU MOINS UNE UNITÉ DE DISTRIBUTION DE FLUIDE

Publication

**EP 3538274 A1 20190918 (DE)**

Application

**EP 17784547 A 20171005**

Priority

- DE 102016121816 A 20161114
- EP 2017001176 W 20171005

Abstract (en)

[origin: WO2018086722A1] To facilitate the disassembly of the fluid-release unit (4), the fluid-release unit has the cover cap (17), with which at least one sealing means (18) located in the head part (12) of the fluid-release unit (4) can be fixed in its usage position. To release the cover cap (17) from the head part (12), the cover cap can be rotated relative to the head part (12). Between the cover cap (17) and the head part (12), a releasable snap connection (19) is provided, which is formed by at least one latching protrusion (20) and/or at least one latching depression (21), wherein on the latching protrusion (20) and/or on the latching depression (21), at least one inclined surface (22) is formed in such a way that the snap connection (19) can be released by rotating the cover cap (17) relative to the head part (12).

IPC 8 full level

**B01L 3/02** (2006.01)

CPC (source: EP US)

**B01L 3/021** (2013.01 - EP); **B01L 3/0217** (2013.01 - US); **B01L 2200/028** (2013.01 - EP US); **B01L 2200/087** (2013.01 - EP US); **B01L 2300/041** (2013.01 - EP); **B01L 2300/042** (2013.01 - US)

Citation (search report)

See references of WO 2018086722A1

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)

**WO 2018086722 A1 20180517**; CN 110167671 A 20190823; CN 110167671 B 20211231; DE 102016121816 A1 20180517; EP 3538274 A1 20190918; EP 3538274 B1 20200819; US 11207673 B2 20211228; US 2019262822 A1 20190829

DOCDB simple family (application)

**EP 2017001176 W 20171005**; CN 201780070113 A 20171005; DE 102016121816 A 20161114; EP 17784547 A 20171005; US 201716349392 A 20171005