

Title (en)

DISPENSING DEVICE FOR A FLUID AND MANUFACTURING METHOD OF SUCH A DISPENSING DEVICE

Title (de)

ABGABEVORRICHTUNG EINES FLUIDS SOWIE HERSTELLUNGSVERFAHRENS EINER SOLCHEN ABGABEVORRICHTUNG

Title (fr)

DISPOSITIF DISTRIBUTEUR DE FLUIDE ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF

Publication

EP 3375531 A1 20180919 (FR)

Application

EP 18163644 A 20140128

Priority

- FR 1351070 A 20130207
- EP 14705295 A 20140128
- EP 2014051656 W 20140128

Abstract (en)

[origin: WO2014122048A1] A fluid dispensing device (16) comprising: a supply pipe (6), a dispensing pipe (8) arranged to convey a fluid in a dispensing direction (10), a deformable pocket (2), a supply valve (4), which, in an open state, allows fluid to pass from the supply pipe (6) to the inside of the pocket (2), and, in a closed state, does not allow this, and a dispensing valve (5), which, in an open state, allows fluid to pass from the inside of the pocket (2) to the dispensing pipe (8), and, in a closed state, does not allow this, characterised in that the dispensing valve (5) is held in the device by clamping between inner walls of the dispensing pipe (8).

Abstract (fr)

Dispositif pour distribuer un fluide, comprenant un conduit d'alimentation, un conduit de distribution agencé pour conduire un fluide selon une direction de distribution, une poche déformable, une valve d'alimentation (4), une valve de distribution (5). Selon l'invention : -la valve de distribution (5) est maintenue dans le dispositif par serrage de son élément de jonction (11a) entre des parois internes du conduit de distribution, et/ou - la valve d'alimentation (4) est maintenue dans le dispositif par serrage de son élément de jonction (11b) entre des parois internes du conduit de distribution ou du conduit d'alimentation.

IPC 8 full level

B05B 11/00 (2006.01); **B05B 11/04** (2006.01)

CPC (source: CN EP US)

B05B 11/00442 (2018.07 - EP US); **B05B 11/007** (2013.01 - EP US); **B05B 11/0075** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/04** (2013.01 - CN); **B05B 11/047** (2013.01 - EP US); **B05B 11/1032** (2023.01 - CN EP US); **B05B 11/1064** (2023.01 - CN EP US); **B01F 35/32021** (2022.01 - US); **B05B 11/1042** (2023.01 - US)

Citation (search report)

- [X] FR 2554088 A1 19850503 - KEBO PROD AB [SE]
- [X] DE 10011717 A1 20010913 - CROWN CORK & SEAL TECH CORP [US]
- [X] EP 1215167 A2 20020619 - CREATECHNIC AG [CH]

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)

FR 3001719 A1 20140808; FR 3001719 B1 20160205; BR 112015018830 A2 20170718; BR 112015018830 B1 20210316; CN 104981295 A 20151014; CN 104981295 B 20170915; CN 107457107 A 20171212; CN 107457107 B 20200110; EP 2953724 A1 20151216; EP 2953724 B1 20180425; EP 3375531 A1 20180919; EP 3375531 B1 20200617; ES 2680968 T3 20180911; ES 2820552 T3 20210421; FR 3030464 A1 20160624; FR 3030464 B1 20201113; JP 2016507373 A 20160310; JP 6461821 B2 20190130; KR 102236764 B1 20210405; KR 20150114492 A 20151012; TW 201431754 A 20140816; TW 201534531 A 20150916; TW I491539 B 20150711; TW I547423 B 20160901; US 10029268 B2 20180724; US 2015375244 A1 20151231; US 2017259287 A1 20170914; US 9694375 B2 20170704; WO 2014122048 A1 20140814

DOCDB simple family (application)

FR 1351070 A 20130207; BR 112015018830 A 20140128; CN 201480007632 A 20140128; CN 201710747819 A 20140128; EP 14705295 A 20140128; EP 18163644 A 20140128; EP 2014051656 W 20140128; ES 14705295 T 20140128; ES 18163644 T 20140128; FR 1563146 A 20151222; JP 2015556451 A 20140128; KR 20157021002 A 20140128; TW 103103892 A 20140206; TW 104119673 A 20140206; US 201414765181 A 20140128; US 201715608247 A 20170530