

Title (en)

POCKET VIAL PACKAGING AND DISPENSING DEVICE

Title (de)

BEUTEL-FLAKON-VERPACKUNG UND ABGABEVORRICHTUNG

Title (fr)

DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION DU TYPE FLACON-POCHÉ

Publication

EP 2424681 A1 20120307 (FR)

Application

EP 10727052 A 20100428

Priority

- FR 2010050804 W 20100428
- FR 0952774 A 20090428

Abstract (en)

[origin: CA2757035A1] The invention relates to a pocket vial device for packaging and dispensing fluid products. The device comprises a flexible pouch placed in a rigid vial (9) and associated with a pump or a valve for expelling the product contained in the pouch, the pouch including a cylindrical wall made of at least one sheet (1) wound into a cylinder having one of its side edges tightly attached to a solid flange (8) defining the bottom of the flange, while the other is tightly attached to an annular flange (7) defining a fixation ring to the vial, the two longitudinal edges (3, 5) of the sheet (1) being tightly attached to each other and the end of the inner edge being masked by a flexible cover strip (6). The invention can be used for reducing the risk of contamination of the product contained in the pouch.

IPC 8 full level

B05B 11/00 (2006.01); **B29C 53/38** (2006.01); **B29C 65/00** (2006.01); **B65D 35/02** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP KR US)

B29C 53/38 (2013.01 - EP KR US); **B29C 65/00** (2013.01 - KR); **B29C 65/4815** (2013.01 - EP US); **B29C 65/5042** (2013.01 - EP US);
B29C 65/5071 (2013.01 - EP US); **B29C 65/5085** (2013.01 - EP US); **B29C 66/1122** (2013.01 - EP US); **B29C 66/4322** (2013.01 - EP US);
B29C 66/723 (2013.01 - EP US); **B32B 1/08** (2013.01 - EP US); **B32B 3/02** (2013.01 - EP US); **B32B 15/08** (2013.01 - EP US);
B32B 15/20 (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/10** (2013.01 - EP US); **B32B 27/306** (2013.01 - EP US);
B32B 27/32 (2013.01 - EP US); **B32B 27/34** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B65B 11/48** (2013.01 - KR);
B65D 83/0072 (2013.01 - EP US); **B65D 83/14** (2013.01 - KR); **B29C 65/06** (2013.01 - EP US); **B29C 65/08** (2013.01 - EP US);
B29C 65/38 (2013.01 - EP US); **B29C 66/61** (2013.01 - EP US); **B29C 66/71** (2013.01 - EP US); **B29C 66/72321** (2013.01 - EP US);
B29C 66/72341 (2013.01 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/086** (2013.01 - EP US); **B29K 2305/02** (2013.01 - EP US);
B29L 2009/003 (2013.01 - EP US); **B29L 2031/712** (2013.01 - EP US); **B32B 2307/50** (2013.01 - EP US); **B32B 2307/7244** (2013.01 - EP US);
B32B 2307/7246 (2013.01 - EP US); **B32B 2439/46** (2013.01 - EP US); **B32B 2439/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2010125304A1

Citation (examination)

US 4685591 A 19870811 - SCHAEFER SUZANNE E [US], et al

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

FR 2944780 A1 20101029; FR 2944780 B1 20110610; BR PI1014523 A2 20160405; CA 2757035 A1 20101104; CN 102421534 A 20120418;
EP 2424681 A1 20120307; JP 2012525304 A 20121022; KR 20120016111 A 20120222; US 2012097707 A1 20120426;
WO 2010125304 A1 20101104

DOCDB simple family (application)

FR 0952774 A 20090428; BR PI1014523 A 20100428; CA 2757035 A 20100428; CN 201080018783 A 20100428; EP 10727052 A 20100428;
FR 2010050804 W 20100428; JP 2012507802 A 20100428; KR 20117028396 A 20100428; US 201013265384 A 20100428