

Title (en)

FLUID PRODUCT DISPENSING DEVICE

Title (de)

SPENDER FÜR EIN FLÜSSIGPRODUKT

Title (fr)

DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication

EP 2964392 B1 20170503 (FR)

Application

EP 14718651 A 20140304

Priority

- FR 1352008 A 20130306
- FR 2014050484 W 20140304

Abstract (en)

[origin: US2014252043A1] The invention relates to a fluid dispenser device, comprising: a body for mounting in stationary manner on the fluid reservoir; an actuator rod that is moved axially down and up inside the body; and a pusher that is mounted on the actuator rod by connection means including magnetizing means so as to generate a connection, by magnetic attraction, between the actuator rod and the pusher. The connection means comprises a rod organ engaged around the actuator rod and a pusher organ secured to the pusher, the actuator rod defining an internal fluid duct. The pusher forming a connection sleeve defining an internal fluid channel that leads to a dispenser orifice. The rod organ is deformed by the connection sleeve of the pusher, thus joining the duct to the channel in leaktight manner.

IPC 8 full level

B05B 11/00 (2006.01); **B05B 15/06** (2006.01); **B05B 15/65** (2018.01); **B65D 83/20** (2006.01)

CPC (source: EP US)

B05B 11/0008 (2013.01 - EP US); **B05B 11/1045** (2023.01 - US); **B05B 11/1052** (2023.01 - EP US); **B05B 15/65** (2018.01 - EP US);
B65D 83/205 (2013.01 - EP US)

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)

US 2014252043 A1 20140911; US 9440248 B2 20160913; BR 112015021011 A2 20170718; BR 112015021011 B1 20210217;
CN 105026052 A 20151104; CN 105026052 B 20170725; EP 2964392 A1 20160113; EP 2964392 B1 20170503; ES 2632244 T3 20170912;
FR 3002926 A1 20140912; FR 3002926 B1 20160219; KR 20150120959 A 20151028; WO 2014135788 A1 20140912

DOCDB simple family (application)

US 201414198883 A 20140306; BR 112015021011 A 20140304; CN 201480012538 A 20140304; EP 14718651 A 20140304;
ES 14718651 T 20140304; FR 1352008 A 20130306; FR 2014050484 W 20140304; KR 20157020660 A 20140304