Title (en)

FLUID PRODUCT DISPENSER

Title (de)

FLUIDSPENDER

Title (fr)

DISTRIBUTEUR DE PRODUIT FLUIDE.

Publication

EP 3233294 A1 20171025 (FR)

Application

EP 15828745 A 20151217

Priority

- FR 1462965 A 20141219
- FR 2015053591 W 20151217

Abstract (en)

[origin: WO2016097629A1] The invention relates to a fluid-product dispenser comprising: a vessel (1); a dispensing head (T) provided with a dispensing opening (62); a plunger tube (22) which carries the fluid product from the vessel (1) to the dispensing head (T); a tappet (6) movable axially over a predetermined travel; an electric pump (4) which sends air into the vessel (1) so as to push fluid product back through the plunger tube (22) until the dispensing head (T), the electric pump (4) being actuated by the tappet (6); a fluid-product outlet valve (7), characterised in that: all of the air from the electric pump is sent into the vessel, the electric pump (4) is actuated by the tappet (6) as soon as it leaves the upper inoperative position thereof and the outlet valve (7) is only open in the proximity of the lower pressed position, such that the electric pump (4) is supplied with electricity well before opening the outlet valve (7); and the electric pump (4) sends air into the vessel (1) with an overpressure of less than 1 bar.

IPC 8 full level

B05B 9/08 (2006.01); **B05B 12/00** (2018.01)

CPC (source: CN EP US)

B05B 9/0811 (2013.01 - CN EP US); **B05B 12/002** (2013.01 - EP US); B05B 11/1053 (2023.01 - CN EP US)

Citation (search report)

See references of WO 2016097629A1

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DOCDB simple family (publication)

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FR 2015053591 W 20151217; CN 201580061165 A 20151217; EP 15828745 A 20151217; ES 15828745 T 20151217; FR 1462965 A 20141219; US 201515528588 A 20151217