

Title (en)

FLUID PRODUCT DISPENSING DEVICE

Title (de)

SPENDER FÜR EIN FLÜSSIGPRODUKT

Title (fr)

DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication

**EP 2069077 B1 20100721 (FR)**

Application

**EP 07848349 A 20070920**

Priority

- FR 2007051977 W 20070920
- FR 0653967 A 20060927

Abstract (en)

[origin: US2008073380A1] A liquid dispenser device for being associated with a liquid reservoir, said device comprising: a chamber ( 10 ) provided with an inlet valve ( 5, 15 ), an outlet valve ( 27, 32 ), and a piston ( 3 ) that is suitable for varying the volume of the chamber ( 10 ); a liquid dispenser orifice ( 25 ); and a pusher ( 2 ) that is axially displaceable down and up between a rest position and a depressed position; the dispenser device being characterized in that the piston ( 3 ) includes an elastically-deformable portion ( 31 ) that is deformed by the pusher ( 2 ) in its depressed position, in such a manner as to open the outlet valve.

IPC 8 full level

**B05B 11/00** (2006.01); **B67D 7/58** (2010.01)

CPC (source: EP US)

**B05B 11/1016** (2023.01 - EP US); **B05B 11/1061** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05B 11/1067** (2023.01 - EP US)

Citation (examination)

WO 2004071673 A1 20040826 - WORDON GMBH [CH], et al

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DOCDB simple family (publication)

**FR 2906233 A1 20080328; FR 2906233 B1 20110211;** AT E474671 T1 20100815; BR PI0717543 A2 20131022; CN 101534958 A 20090916; CN 101534958 B 20120613; DE 602007007971 D1 20100902; EP 2069077 A1 20090617; EP 2069077 B1 20100721; ES 2348798 T3 20101214; US 2008073380 A1 20080327; US 7770759 B2 20100810; WO 2008037910 A1 20080403; WO 2008037910 A8 20090507

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