

Title (en)
FLUID EJECTION DEVICE WITH ENHANCED LEAKTIGHTNESS

Title (de)
FLUIDAUSSTOSSVORRICHTUNG MIT VERBESSERTER DICHTHEIT

Title (fr)
DISPOSITIF D'EJECTION D'UN FLUIDE A ETANCHEITE RENFORCEE

Publication
EP 2205325 B1 20120222 (FR)

Application
EP 08845284 A 20081029

Priority

- EP 2008064689 W 20081029
- FR 0758697 A 20071030
- FR 0801687 A 20080328
- FR 0805467 A 20081003

Abstract (en)
[origin: US8783372B2] A compact device for ejecting a fluid including two chambers separated by a separating element of piston type. One of the chambers contains the fluid intended to be ejected, the other chamber is a pressurization chamber, the pressurization of which can cause translational movement of the separating element and ejection of the fluid. The pressurization chamber includes a thimble capable of sealably separating the inside of the pressurization chamber from the side walls of the reservoir. Thus, a seal between two chambers is perfect and durable without degrading slidability of the piston.

IPC 8 full level
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CPC (source: EP US)
A62C 13/66 (2013.01 - EP US); **A62C 35/023** (2013.01 - EP US); **B65D 83/643** (2013.01 - EP US); **A62C 3/08** (2013.01 - EP); **Y10T 137/2937** (2015.04 - EP US)

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WO 2009056574 A1 20090507; AT E546199 T1 20120315; BR PI0818830 A2 20150422; BR PI0818830 B1 20180807; CA 2703853 A1 20090507; CA 2703853 C 20151124; CN 101909699 A 20101208; CN 101909699 B 20121226; EP 2205325 A1 20100714; EP 2205325 B1 20120222; JP 2011500242 A 20110106; RU 2010121896 A 20111210; RU 2493892 C2 20130927; US 2010230118 A1 20100916; US 8783372 B2 20140722

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