

Title (en)
Manual pump system for an inhaler

Title (de)
Manuelles Pumpsystem für einen Inhalator

Title (fr)
Système de pompage manuel pour un inhalateur

Publication
EP 2762238 A3 20170621 (DE)

Application
EP 13195434 A 20131203

Priority
DE 102013001571 A 20130130

Abstract (en)
[origin: EP2762238A2] The device (1) has a fluid outlet (23) that is provided for dispensing the fluid. A pressure chamber (7) is provided for actuation of the dispensing device to equalize the pressure through a passage opening (19). An air from the pressure chamber is flown into the fluid container. The pressure chamber is provided with a pressure chamber housing (8) and a piston (11). Two sealing lips (14,15) are arranged between the piston and the pressure chamber housing. An inlet port is provided between a fluid reservoir and a pressure chamber interior portion (10).

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/0005 (2013.01); **B05B 11/00444** (2018.07); **B05B 11/0059** (2013.01); **B05B 11/0064** (2013.01); **B05B 11/1001** (2023.01); **B05B 11/105** (2023.01); **B05B 11/1047** (2023.01)

Citation (search report)

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- [Y] EP 0218840 B1 19910206
- [Y] US 2011125111 A1 20110526 - CHIBRET JEAN-FREDERIC [FR], et al
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EP2992967A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2762238 A2 20140806; EP 2762238 A3 20170621; EP 2762238 B1 20200205; EP 2762238 B8 20200617; DE 102013001571 A1 20140731; DE 102013001571 B4 20210204; ES 2786073 T3 20201008

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