

Title (en)  
A FLUID SUBSTANCE DISPENSING DEVICE

Title (de)  
VORRICHTUNG ZUR ABGABE VON FLÜSSIGEN SUBSTANZEN

Title (fr)  
DISPOSITIF DE DISTRIBUTION DE SUBSTANCE FLUIDE

Publication  
**EP 3900842 A1 20211027 (EN)**

Application  
**EP 21169100 A 20210419**

Priority  
IT 202000008452 A 20200421

Abstract (en)  
A device (1) for dispensing a fluid substance, comprising a cup-shaped body (2) inside which a piston (3) can move between a lower stroke limit position and an upper stroke limit position, sliding in a sealed manner over the cup-shaped body (2), operated by means of a hollow stem (4), the cup-shaped body (2) featuring a supply passage (7) to a compression chamber (9) which is at least partially defined by the cup-shaped body (2) and the piston (3), the supply passage (7) being coupled with a first valve element (6), and a second valve element (8) coupled to a discharge passage (10) from the said compression chamber (9), the hollow stem (4) being fastened to a dispensing button (11) which comes into contact with a first end of a spring (5), the spring (5) being arranged so as to bring the said piston (3) back to the upper stroke limit position, characterised by the fact that the button (11) is fastened to the stem (4) by means of a pin (12) which may be removed so that when the button (11) is uncoupled from the stem (4), the spring (5) can be extracted from the device (1).

IPC 8 full level  
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CPC (source: EP)  
**B05B 11/105** (2023.01); **B05B 11/1074** (2023.01); **B05B 11/0044** (2018.07); **B05B 11/1023** (2023.01); **B05B 11/1047** (2023.01); **B05B 11/1067** (2023.01)

Citation (search report)  
• [A] WO 2010113199 A1 20101007 - EMSAR SPA [IT], et al  
• [A] WO 2015011593 A2 20150129 - MEADWESTVACO CALMAR S R L [IT]

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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