

Title (en)  
Dispensing bottle for a product which is protected from contact with air

Title (de)  
Abgabeflasche für ein vom Kontakt mit Luft geschütztes Produkt

Title (fr)  
Flacon de distribution d'un produit stocké à l'abri de l'air

Publication  
**EP 0625376 B1 19970903 (FR)**

Application  
**EP 94401109 A 19940518**

Priority  
FR 9306064 A 19930519

Abstract (en)  
[origin: EP0625376A1] This bottle comprises: - a rigid body (1) equipped with means (11, 13) for positioning an intermediate part (15) of the bag; - a push-cap (6, 7) which is fitted onto the body and to which is fixed, in a sealed manner, the neck (19) of the bag, this push-cap delimiting an outlet chamber (38) which includes an inlet orifice (29) in communication with the bag and an outlet conduit (31) equipped with an outlet non-return valve (8); - a spring (9) trying to move the push-cap away from the body; and - a supply non-return valve (5) integral with a part (17) of the bag located upstream of the said inlet orifice (29) and, together with the push-cap, delimiting a chamber (37) for supplying the outlet chamber (38). <IMAGE>

IPC 1-7  
**B05B 11/00**; B65D 47/34

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP)  
**B05B 11/0072** (2013.01); **B05B 11/0097** (2013.01); **B05B 11/026** (2023.01); **B05B 11/1028** (2023.01)

Cited by  
EP1488856A1; FR2864043A1; US11235342B2; WO2018138231A1; CN110225798A; JP2020505279A; US7284683B2

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