

Title (en)  
LIQUID DISPENSER

Title (de)  
FLÜSSIGKEITSSPENDER

Title (fr)  
DISTRIBUTEUR DE LIQUIDE

Publication  
**EP 0857030 A1 19980812 (EN)**

Application  
**EP 96934648 A 19961011**

Priority  

- EP 96934648 A 19961011
- EP 9604435 W 19961011
- EP 95202859 A 19951023

Abstract (en)  
[origin: WO9715223A1] There is provided a dispenser for delivering aliquots of a liquid product comprising a housing (1) and a disposable refill package which is positioned inside the housing (1) and comprises a collapsible reservoir (2) for the liquid product fitted with a bellow pump (3), whereby the bellow pump (3) comprises a product inlet valve (4) and a product outlet valve (5) and is manually operable via indirect actuating means (10, 11), and whereby the housing (1) is provided with a narrow opening (9) into which a correspondingly shaped portion of the bellow pump (3) located near the outlet valve (5) thereof, can be detachably secured, characterised in that the bellow pump (3) is equipped with a discharge tube (8) having an internal flow channel of which the diameter at the outlet is at least 1.2 times larger than at the inlet.

IPC 1-7  
**A47K 5/12**

IPC 8 full level  
**A47K 5/12** (2006.01)

CPC (source: EP)  
**A47K 5/1208** (2013.01)

Citation (search report)  
See references of WO 9715223A1

Cited by  
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DOCDB simple family (publication)  
**WO 9715223 A1 19970501**; AU 721392 B2 20000629; AU 7291196 A 19970515; BR 9611167 A 19990330; CA 2233141 A1 19970501; CA 2233141 C 20020205; DE 69612562 D1 20010523; DE 69612562 T2 20010809; EP 0857030 A1 19980812; EP 0857030 B1 20010418; ES 2158353 T3 20010901; ZA 968829 B 19980421

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