

Title (en)  
Fluid dispenser

Title (de)  
Spender für Medien

Title (fr)  
Distributeur de fluide

Publication  
**EP 0901836 A3 20000105 (DE)**

Application  
**EP 98116522 A 19980901**

Priority  
DE 19739989 A 19970911

Abstract (en)  
[origin: EP0901836A2] The dispenser (1) has two manual dispenser units (2,3) with first/second main bodies (4,5), and define an actuating stroke with stroke direction and path. The unit has a pressure chamber (12) with walls (16) and an outlet channel (14) with medium outlet (15). To vary the volume of the pressure chamber, chamber walls and medium outlet are moved by the trigger at least partially over the actuating stroke. Alternatively, the second dispenser unit may contain a linear moveable guide body (53) for the medium.

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

IPC 8 full level  
**B05B 11/00** (2006.01); **B05B 15/00** (2006.01); **B05B 15/30** (2018.01); **B65D 47/34** (2006.01)

CPC (source: EP KR US)  
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**B05B 11/1097** (2023.01 - EP KR US); **B05B 15/30** (2018.02 - EP KR US); **B05B 11/1001** (2023.01 - EP US)

Citation (search report)  
• [XP] EP 0815946 A2 19980107 - PFEIFFER ERICH GMBH & CO KG [DE]  
• [X] WO 9612671 A1 19960502 - APTARGROUP INC [US]  
• [X] US 4458832 A 19840710 - CORSETTE DOUGLAS F [US]  
• [X] US 4494680 A 19850122 - CORSETTE DOUGLAS F [US]  
• [X] DE 2629558 A1 19780112 - ZELLER PLASTIK KOEHN GRAEBNER  
• [X] EP 0370257 A2 19900530 - PFEIFFER ERICH GMBH & CO KG [DE]

Cited by  
RU2504408C2; US8544694B2; US8770445B2; WO2009149826A1; EP2293834B1

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