

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)
B05B 11/0044 (2018.07 - EP KR US); **B05B 11/00444** (2018.07 - EP KR US); **B05B 11/0067** (2013.01 - EP KR US);
B05B 11/0072 (2013.01 - EP KR US); **B05B 11/1001** (2023.01 - KR); **B05B 11/1004** (2023.01 - EP KR US); **B05B 11/1016** (2023.01 - EP US);
B05B 11/1047 (2023.01 - EP KR US); **B05B 11/1061** (2023.01 - EP KR US); **B05B 11/1074** (2023.01 - EP KR US);
B05B 11/1097 (2023.01 - EP KR US); **B05B 15/30** (2018.01 - 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

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0901836 A2 19990317; **EP 0901836 A3 20000105**; **EP 0901836 B1 20050511**; AT E295230 T1 20050515; BR 9803417 A 19991123;
DE 19739989 A1 19990318; DE 59812775 D1 20050616; ES 2242255 T3 20051101; JP 4327276 B2 20090909; JP H11156252 A 19990615;
KR 19990029695 A 19990426; US 6062433 A 20000516

DOCDB simple family (application)
EP 98116522 A 19980901; AT 98116522 T 19980901; BR 9803417 A 19980910; DE 19739989 A 19970911; DE 59812775 T 19980901;
ES 98116522 T 19980901; JP 27424898 A 19980911; KR 19980037398 A 19980910; US 14836198 A 19980904