

Title (en)  
Fluid dispenser

Title (de)  
Spender für fließfähige Medien

Title (fr)  
Distributeur de fluide

Publication  
**EP 0923993 B1 20040519 (DE)**

Application  
**EP 98123543 A 19981209**

Priority  
DE 19756442 A 19971218

Abstract (en)  
[origin: EP0923993A1] A dispenser for fluids, or powders, has a cylindrical shape comprising a reservoir (7) and a dispensing nozzle (3). A release lever (15) is hinged on one side to be operated by finger pressure, with a thumb grip recess (72) on the other side of the dispenser. The lever action release operates a linkage to an axially moving valve element (6) inside the dispenser. The lever action can also operate an integral pump.

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B65D 83/76** (2006.01); **B05B 9/04** (2006.01); **B05B 11/00** (2006.01); **B05B 1/34** (2006.01)

CPC (source: EP KR US)  
**B05B 9/047** (2013.01 - KR); **B05B 11/0027** (2013.01 - EP US); **B05B 11/0035** (2013.01 - EP US); **B05B 11/1057** (2023.01 - EP US);  
**B05B 1/3436** (2013.01 - EP US); **B05B 11/1026** (2023.01 - EP US)

Cited by  
FR2818963A1; US10961002B2; US7011234B2; US10562062B2; WO02053294A1; US11235293B2; US10753483B2

Designated contracting state (EPC)  
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DE 59811420 D1 20040624; ES 2221970 T3 20050116; JP H11245979 A 19990914; KR 19990063160 A 19990726;  
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ES 98123543 T 19981209; JP 35935898 A 19981217; KR 19980055763 A 19981217; US 21575498 A 19981218