

Title (en)
FLUID-DISPENSING DEVICE

Publication
EP 0218840 A3 19870812 (DE)

Application
EP 86111115 A 19860812

Priority
DE 3532890 A 19850914

Abstract (en)
[origin: EP0218840A2] A fluid-dispensing device is constructed as a single-action atomiser (1) whose entire fluid store (13) is formed by the pump chamber (14) of a pusher piston pump. The free-lying cylinder container (12) constructed as a trigger knob-like handle is therefore valve-free and can be opened exclusively towards the outlet channel (25). <IMAGE>

IPC 1-7
B05B 11/02; **A61M 11/00**

IPC 8 full level
B65D 83/76 (2006.01); **A61M 11/00** (2006.01); **B05B 11/02** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)
B05B 11/02 (2013.01 - EP US)

Citation (search report)

- [X] EP 0021123 B1 19830720
- [A] FR 949453 A 19490831
- [A] FR 805024 A 19361109
- [A] FR 920943 A 19470422

Cited by
CN110180701A; US5171219A; CN110719794A; FR2678906A1; US6000580A; AU674686B2; US6116468A; DE19753147A1; GR1001447B; EP0388651A3; EP0311863A3; US4946069A; JPH01139376A; GB2262137A; US5307953A; US11371492B2; US6364166B1; FR2625981A1; DE102013001571A1; EP2762238A3; DE102013001571B4; WO9324164A1; WO9300172A1; WO9113281A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0218840 A2 19870422; **EP 0218840 A3 19870812**; **EP 0218840 B1 19910206**; DE 3631341 A1 19870423; DE 3631341 C2 19970710; DE 3677451 D1 19910314; DE 8526339 U1 19870507; JP H07102873 B2 19951108; JP S6264754 A 19870323; US 4921142 A 19900501

DOCDB simple family (application)
EP 86111115 A 19860812; DE 3631341 A 19860915; DE 3677451 T 19860812; DE 8526339 U 19850914; JP 20609786 A 19860903; US 90341486 A 19860903