

Title (en)
Dispensing device for fluids.

Title (de)
Austragvorrichtung für Medien.

Title (fr)
Distributeur de fluide.

Publication
EP 0484835 B1 19950329 (DE)

Application
EP 91118678 A 19911101

Priority
DE 4035663 A 19901109

Abstract (en)
[origin: EP0484835A1] In a dispensing device (1), the return spring (21) of a return element (20) for a discharge pump (7) and for valves (26, 30) is located separated from the fluid in a tightly sealed spring chamber (22). The fluid inlet opening (31) into the discharge pump (7) is located eccentrically with respect to the latter and opens into an external, annular pre-intake chamber (15) from which the fluid passes via an intermediate valve (30) into the pump chamber (39). As a result, contact of the fluid with metallic parts is avoided and both favourable flow paths for the fluid and a compact design of the pump are obtained. <IMAGE>

IPC 1-7
B05B 11/00

IPC 8 full level
F16K 21/00 (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/44** (2006.01)

CPC (source: EP US)
B05B 11/1004 (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US); **B05B 11/107** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US)

Cited by
CN103402650A; FR3098734A1; FR2933679A1; CN102089081A; US10953420B2; WO2004054722A1; US11925947B2; WO2010004212A1; WO2018108535A1; WO2021009324A1

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

DOCDB simple family (publication)
EP 0484835 A1 19920513; EP 0484835 B1 19950329; AT E120385 T1 19950415; DE 4035663 A1 19920514; DE 59105049 D1 19950504; ES 2070392 T3 19950601; JP 3157879 B2 20010416; JP H04282084 A 19921007; US 5437398 A 19950801

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