

Title (en)
Fluid dispenser

Title (de)
Spender für Medien

Title (fr)
Distributeur de fluides

Publication
EP 0815947 B1 20031217 (DE)

Application
EP 97109187 A 19970606

Priority
DE 19623030 A 19960608

Abstract (en)
[origin: CA2207254A1] A dispenser (1) includes in a casing (2) with a volume-variable storage chamber (11) for the medium, a discharge closure (10), whose closure member (50) is located directly adjacent to the discharge nozzle (8) and whose pressure dependently operating control device (18) is arranged completely within the casing (2). The control device (18) is located on a support unit (5) separate from the casing (2) and defining ducts (28, 29, 38, 47) for two separate media. Thus, while achieving simple construction and assembly, a contamination of the stored medium can be prevented.

IPC 1-7
B05B 11/04

IPC 8 full level
B65D 83/00 (2006.01); **A61M 11/00** (2006.01); **B05B 9/04** (2006.01); **B05B 11/00** (2006.01); **B05B 11/04** (2006.01); **B65D 47/20** (2006.01); **B65D 47/34** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP KR US)
B05B 11/0067 (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/046** (2013.01 - EP US); **B05B 11/1036** (2023.01 - EP US); **B05C 11/1026** (2013.01 - KR); **B65D 47/2068** (2013.01 - EP US); **B65D 81/3233** (2013.01 - EP US)

Cited by
EP1826145A1

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

DOCDB simple family (publication)
DE 19623030 A1 19971211; AR 007303 A1 19991027; BR 9703498 A 19990601; CA 2207254 A1 19971208; CN 1170687 A 19980121; DE 59711123 D1 20040129; EP 0815947 A2 19980107; EP 0815947 A3 19980812; EP 0815947 B1 20031217; ES 2212804 T3 20040801; JP 4100521 B2 20080611; JP H1085638 A 19980407; KR 980000615 A 19980330; MX 9704007 A 19980628; TR 199700469 A2 19971221; US 5860567 A 19990119

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DE 19623030 A 19960608; AR P970102257 A 19970527; BR 9703498 A 19970609; CA 2207254 A 19970606; CN 97114979 A 19970607; DE 59711123 T 19970606; EP 97109187 A 19970606; ES 97109187 T 19970606; JP 16205197 A 19970605; KR 19970023490 A 19970607; MX 9704007 A 19970530; TR 9700469 A 19970605; US 86962897 A 19970605