

Title (en)
Dispenser for fluids

Title (de)
Spender für Medien

Title (fr)
Distributeur de fluides

Publication
EP 0829307 A3 19980902 (DE)

Application
EP 97115215 A 19970903

Priority
DE 19637101 A 19960912

Abstract (en)
[origin: EP0829307A2] The dispenser comprises a main body (4,5) and a medium accumulator (8), and discharges by movement between end positions. The metered contents of the accumulator are discharged through an outlet (30) almost or entirely in a single stroke, and/or it incorporates an oblong hollow body, typically a hollow steel needle. The accumulator outlet (18) can be upstream of the first outlet (30), while its inlet (17) is further upstream. The accumulator preferably protrudes into a closed chamber (12). Mixing equipment for a second medium with the first can be provided, thus functioning as a propellant and being delivered by pump into the accumulator.

IPC 1-7
B05B 11/06

IPC 8 full level
B65D 83/00 (2006.01); **B05B 9/04** (2006.01); **B05B 11/06** (2006.01); **B67D 99/00** (2010.01)

CPC (source: EP US)
B05B 11/06 (2013.01 - EP US); **B05B 11/062** (2013.01 - EP US)

Citation (search report)

- [X] WO 9311818 A1 19930624 - NOVO NORDISK AS [DK]
- [X] GB 1488719 A 19771012 - CIBA GEIGY AG
- [X] EP 0407276 A2 19910109 - VALOIS SA [FR]

Cited by
EP1745855A3

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

DOCDB simple family (publication)
EP 0829307 A2 19980318; EP 0829307 A3 19980902; EP 0829307 B1 20040317; AT E261779 T1 20040415; DE 19637101 A1 19980319; DE 59711409 D1 20040422; DK 0829307 T3 20040628; JP H10101156 A 19980421; US 5967369 A 19991019

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