

Title (en)
Fluid dispenser

Title (de)
Spender für Medien

Title (fr)
Distributeur de produits fluides

Publication
EP 0985606 A3 20001227 (DE)

Application
EP 99116461 A 19990821

Priority
DE 19840723 A 19980907

Abstract (en)
[origin: EP0985606A2] A pump-operated eye droplet dispenser has an outlet (13) with a valve stopper (25). The dispenser is operated by spring (34) action. The medium passes to the outlet (13) via throttle points (22, 21, 49), to flow quasi-unpressurized onto a droplet formation surface (51).

IPC 1-7
B65D 47/34; **B05B 11/00**; **A61F 9/00**

IPC 8 full level
A61J 1/05 (2006.01); **B05B 11/00** (2006.01); **B05B 11/04** (2006.01); **B05C 5/00** (2006.01); **B05C 17/005** (2006.01); **B65D 47/28** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)
B05B 11/00444 (2018.07 - EP US); **B05B 11/0059** (2013.01 - EP US); **B05B 11/0064** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/1004** (2023.01 - EP US); **B05B 11/1026** (2023.01 - EP US); **B05B 11/1053** (2023.01 - EP US); **B05B 11/107** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US)

Citation (search report)

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- [X] US 5147073 A 19920915 - CATER MIRO S [US]
- [XA] EP 0800870 A2 19971015 - CALMAR INC [US]
- [XA] DE 3122330 A1 19830105 - SCHUCKMANN ALFRED VON
- [X] US 4830284 A 19890516 - MAERTE LEO [DE]
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19840723 A1 20000309; EP 0985606 A2 20000315; EP 0985606 A3 20001227; JP 2000128214 A 20000509; US 6308867 B1 20011030

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DE 19840723 A 19980907; EP 99116461 A 19990821; JP 25050299 A 19990903; US 38712499 A 19990831