

Title (en)
Flat dispenser for fluids

Title (de)
Flacher Spender für Medien

Title (fr)
Dispositif de distribution de produit fluide ayant une configuration plate

Publication
EP 0812626 A3 19980408 (FR)

Application
EP 97401337 A 19970613

Priority
US 66414296 A 19960614

Abstract (en)
[origin: EP0812626A2] An atomiser consists of a chamber (12) in the shape of a bellows which is compressed by hand to produce an air flow, and a housing (20) with a mixing chamber (60) linked to the bellows chamber, and holders (72) for cartridges (74) containing the product to be atomised and dispensed. The cartridges are connected through passages to the mixing chamber, which has an outlet for the atomised product, and the air enters the bellows chamber through an aperture with a one-way valve (52) which opens to allow air in as the bellows expand and closes when the chamber is compressed.

IPC 1-7
B05B 11/06

IPC 8 full level
B05B 11/00 (2006.01); **B05B 11/06** (2006.01)

CPC (source: EP US)
B05B 11/0027 (2013.01 - EP US); **B05B 11/06** (2013.01 - EP US); **B05B 11/0032** (2013.01 - EP US)

Citation (search report)

- [XA] US 2332799 A 19431026 - HUNN EDWARD B, et al
- [A] US 2314263 A 19430316 - WITT HARRY C
- [A] FR 986295 A 19510730
- [A] GB 213324 A 19240324 - JOHN WILLIAM SMITH
- [A] US 2310319 A 19430209 - ROSE WILLIAM H
- [A] FR 836475 A 19390118
- [A] CH 262441 A 19490630 - MOSIMANN PAUL [CH]

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

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EP 0812626 A2 19971217; EP 0812626 A3 19980408; EP 0812626 B1 20030326; DE 69720107 D1 20030430; DE 69720107 T2 20031127; ES 2195096 T3 20031201; US 5950871 A 19990914; US 6021930 A 20000208

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