

Title (en)

Standard spray bottle for liquids.

Title (de)

Standard-Sprühflasche für Flüssigkeiten.

Title (fr)

Flacon pulvérisateur standard pour liquides.

Publication

EP 0403417 A3 19901227 (FR)

Application

EP 90600011 A 19900425

Priority

GR 89100274 A 19890425

Abstract (en)

[origin: EP0403417A2] The standard liq. spraying bottle uses compressed air propellant and has a chamber (2) containing compressed air propellant, pipes (8) for liquid and (9) to the nozzle (4) with valves (6) for the air and at output (5), with safety (7) (automatic), and propellant recharging. A liquid bottle (3) contains a pipe (11), connecting to the nozzle pipe (9), with a plastics plug, screwing to the chamber. Alternatively, a handle (10) carries spray and propellant spring return valves. The safety valve protects against explosion from over pressure, from improper charging or heating and may be duplicated in liquid container.

IPC 1-7

B05B 9/08; **B65D 83/14**

IPC 8 full level

B05B 9/08 (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP)

B05B 9/0833 (2013.01); **B65D 83/66** (2013.01)

Citation (search report)

- [A] FR 2380075 A1 19780908 - BINDER AIROTECHNIK [DE]
- [A] US 2362784 A 19441114 - WARD LAWRENCE T
- [A] US 2976897 A 19610328 - DIXIE BECKWORTH

Cited by

US5169029A; US5265775A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0403417 A2 19901219; **EP 0403417 A3 19901227**; GR 890100274 A 19910927

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