

Title (en)

Applicator device for liquids

Title (de)

Vorrichtung zum Auftragen von Flüssigkeiten

Title (fr)

Dispositif applicateur pour liquide

Publication

EP 0875168 B1 20030625 (FR)

Application

EP 98202441 A 19941117

Priority

- EP 94402607 A 19941117
- FR 9314235 A 19931129

Abstract (en)

[origin: EP0655208A1] Applicator device for a liquid, including a container (1) and a dispensing dome (9) connected to the said container by a dispensing head (7, 8, 10): the dispensing dome (9) is produced in a porous material; the container is a pressurised reservoir (1) equipped with a dispensing valve (4), the dispensing dome (9) being carried by a support (8) mechanically linked to a connecting piece (13) capable of interacting with the said valve (4) to cause it to open through the action of mechanical stressing exerted on the dispensing dome (9); the liquid ejected outside the reservoir (1) during said opening is channelled through the said connecting piece (13) towards the face (9b) of the dispensing dome (9) which is opposite the outer face (9a) of the said dome (9); the dispensing head includes an attaching member (7) making it possible to secure the said head to the reservoir (1), the attaching member being a rigid skirt (7) fastened on the reservoir (1); a flexible element (10) connects the said attaching member (7) and the support (8), the rigid skirt (7) being connected in the vicinity of its upper border (7a) to a cylindrical wall, which constitutes the flexible element (10); the dispensing head (7, 10, 8) is produced in a single piece by moulding plastic material. <IMAGE>

IPC 1-7

A45D 34/04; B65D 83/14

IPC 8 full level

A45D 34/04 (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP US)

A45D 34/04 (2013.01 - EP US); **B65D 83/285** (2013.01 - EP US); **A45D 2200/1018** (2013.01 - EP US)

Cited by

FR2894941A1; WO2007080266A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0655208 A1 19950531; **EP 0655208 B1 19990714**; CA 2136585 A1 19950530; CA 2136585 C 19990202; DE 69419481 D1 19990819; DE 69419481 T2 19991118; DE 69432872 D1 20030731; DE 69432872 T2 20031218; EP 0875168 A2 19981104; EP 0875168 A3 20000223; EP 0875168 B1 20030625; ES 2133510 T3 19990916; ES 2196478 T3 20031216; FR 2713060 A1 19950609; FR 2713060 B1 19960202; US 5567073 A 19961022

DOCDB simple family (application)

EP 94402607 A 19941117; CA 2136585 A 19941124; DE 69419481 T 19941117; DE 69432872 T 19941117; EP 98202441 A 19941117; ES 94402607 T 19941117; ES 98202441 T 19941117; FR 9314235 A 19931129; US 34898394 A 19941128