

Title (en)

Tamper-evident closure for neck-like container apertures

Title (de)

Originalitätsverschluss für stutzenartige Öffnungen von Behältnissen

Title (fr)

Fermeture de garantie pour ouvertures de récipients en forme de col

Publication

EP 0811560 B1 20001025 (DE)

Application

EP 97108649 A 19970528

Priority

DE 19622689 A 19960605

Abstract (en)

[origin: EP0811560A2] The seal comprises a cap (5) with a central insert with an inward facing sealing skirt (4). This is conical and is gripped between a two part closure (2,4) for the container. When the outer cap is removed the skirt is pulled out of the clamped position and cannot be re-inserted. The conical shape of the skirt prevents re-insertion between the clamping components. The contents of the container are accessed via syringe needles pushed through one of the closure components (2) normally protected by the outer cap.

IPC 1-7

B65D 51/18; **B65D 51/00**; **B65D 55/02**

IPC 8 full level

B65D 51/00 (2006.01); **B65D 51/18** (2006.01); **B65D 55/02** (2006.01); **F16B 41/00** (2006.01)

CPC (source: EP US)

B65D 55/02 (2013.01 - EP US); **A61J 1/1406** (2013.01 - EP US); **Y10S 215/03** (2013.01 - EP US)

Cited by

US7875016B2; WO2010127691A1; US9493281B2; US9775777B2; EP1621177A1; US7875015B2; EP0925805B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0811560 A2 19971210; **EP 0811560 A3 19990331**; **EP 0811560 B1 20001025**; AT E197139 T1 20001115; DE 19622689 A1 19971211; DE 59702519 D1 20001130; ES 2152053 T3 20010116; JP 4458561 B2 20100428; JP H1061648 A 19980306; US 6095355 A 20000801

DOCDB simple family (application)

EP 97108649 A 19970528; AT 97108649 T 19970528; DE 19622689 A 19960605; DE 59702519 T 19970528; ES 97108649 T 19970528; JP 14136597 A 19970530; US 86877797 A 19970604