

Title (en)

CLOSURE DEVICE WITH A ROTATABLE ENVELOPE FOR FLASKS AND LIKE CONTAINERS

Publication

**EP 0342109 B1 19911121 (FR)**

Application

**EP 89401272 A 19890505**

Priority

- FR 8806381 A 19880511
- FR 8903544 A 19890317

Abstract (en)

[origin: US5004127A] The cap comprises a casing rotatively mounted on a container with a groove being provided to prevent said casing from axially sliding. The casing is connected slidably to a bell which is itself connected by a helicoidal thread to a sheath mounted on the container. The bell is provided with a neck having a wall bordering an opening for containing a stopper connected to the container.

IPC 1-7

**B65D 47/20**; **B65D 51/22**

IPC 8 full level

**B05B 11/00** (2006.01); **B65D 47/24** (2006.01); **B65D 47/26** (2006.01)

CPC (source: EP KR US)

**B05B 11/0027** (2013.01 - EP US); **B65D 41/00** (2013.01 - KR); **B65D 47/244** (2013.01 - EP US)

Cited by

EP0739826A1; FR2733487A1; EP0630597A1; FR2706747A1; US5397195A; EP0768246A1; US5713493A; US7942141B1; US7367331B1; WO03004372A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 5004127 A 19910402**; CA 1328846 C 19940426; CN 1038062 A 19891220; DE 68900447 D1 19920102; DK 216689 A 19891112; DK 216689 D0 19890503; EP 0342109 A2 19891115; EP 0342109 A3 19900418; EP 0342109 B1 19911121; ES 2026734 T3 19920501; FR 2644432 A2 19900921; FR 2644432 B2 19910614; JP H02127253 A 19900515; KR 900017873 A 19901220; NZ 229072 A 19901221

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**US 35028089 A 19890510**; CA 599208 A 19890510; CN 89104415 A 19890511; DE 68900447 T 19890505; DK 216689 A 19890503; EP 89401272 A 19890505; ES 89401272 T 19890505; FR 8903544 A 19890317; JP 11523489 A 19890510; KR 890006298 A 19890511; NZ 22907289 A 19890510