

Title (en)

Apparatus for sealed retention of fluids

Title (de)

Flüssigkeitsdichte Vorrichtung zur Aufnahme von flüssigen Produkten

Title (fr)

Dispositif étanche pour contenir des fluides

Publication

EP 1515900 A1 20050323 (EN)

Application

EP 03755431 A 20030521

Priority

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- US 38241002 P 20020521
- US 44302003 P 20030127

Abstract (en)

[origin: WO03099671A1] An apparatus (10) for removing a stopper (12) from a bottle (14) by rotating a threaded capsule (16) surrounding the threaded neck of a bottle. The capsule is preferably received over a narrowed neck of the bottle (14) to maintain the appearance of a foil wrapped and cork-closed bottle. The bottle may be sealed with plugs (natural cork, synthetic cork, molded plugs), planar seals, or a combination thereof. The capsule (16) may engage the stopper directly or by way of a stopper anchor (22). Aspects of the invention include preventing uncontrolled egress of stoppers from pressurized bottles, the resealing of various forms of bottles after removal of the stopper, locking the closure in place, and providing evidence of tampering.

IPC 1-7

B65D 39/16; **B65D 1/02**; **B67B 7/06**

IPC 8 full level

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CPC (source: EP)

B65D 1/0246 (2013.01); **B65D 39/16** (2013.01); **B67B 7/06** (2013.01)

Citation (search report)

See references of WO 03099671A1

Citation (examination)

- EP 0842861 A1 19980520 - COURTAULDS PACKAGING INC [US]
- US 5346083 A 19940913 - SONG PILL-SOON [US], et al
- US 5755348 A 19980526 - LUCH DANIEL [US], et al

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