

Title (en)

LINERLESS CLOSURE FOR CARBONATED BEVERAGE CONTAINER.

Title (de)

DECKEL OHNE INNENBEKLEIDUNG FÜR KOHLENSÄUREHALTIGE GETRÄNKEBEHÄLTER.

Title (fr)

COUVERCLE SANS REVETEMENT INTERIEUR POUR RECIPIENTS DE BOISSONS GAZEUSES.

Publication

EP 0481981 A4 19910306 (EN)

Application

EP 89907042 A 19890615

Priority

- AU 3773789 A 19890615
- AU 8900256 W 19890615
- AU PI884688 A 19880617

Abstract (en)

[origin: WO8912584A1] A closure (1) for a container having an externally screw threaded neck (9), said closure (1) being moulded in one piece from a resilient plastics material and comprising a top (4) and a dependingskirt (2) which has on its internal surface a complementary screw thread (3), characterised in that an annular sealing rib (6) projects downwardly from the top (4), the rib (6) includes a first substantially cylindrical portion (7) contiguous with the top (4) and lying adjacent to or abutting with the skirt (2) and a second, frusto-conical, portion (8) contiguous with the end of the first portion (7) distal to the top (4) and extending radially inwardly to terminate in a circular free edge, the internal diameter of the first portion (7) being equal to or only slightly larger than the external diameter of the neck (9) of the container to which the closure is to be attached such that, during threaded engagement of the closure (1) with the neck (9), the second, frusto-conical, portion (8) will be engaged by a free end of the neck (9) and folded back against the first, substantially cylindrical portion (7) of the rib (6) and to form a gas-tight seal between the neck (9) of the container and the closure (1).

IPC 1-7

B65D 41/04; **B65D 53/02**

IPC 8 full level

B65D 41/04 (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP)

B65D 41/0428 (2013.01); **B65D 51/1688** (2013.01); **B65D 2401/15** (2020.05)

Citation (search report)

- [X] US 3203571 A 19650831 - PLUNKETT ROBERT L
- [Y] US 4450973 A 19840529 - TOEPPEN THURSTON [US]
- See references of WO 8912584A1

Cited by

EP0644125A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8912584 A1 19891228; EP 0481981 A1 19920429; EP 0481981 A4 19910306; EP 0481981 B1 19940831; EP 0481981 B2 19991117

DOCDB simple family (application)

AU 8900256 W 19890615; EP 89907042 A 19890615