

Title (en)

IMPROVEMENTS RELATING TO CONTAINER CLOSURES

Publication

EP 0136088 B1 19890125 (EN)

Application

EP 84305822 A 19840824

Priority

- GB 8323037 A 19830826
- GB 8327991 A 19831019

Abstract (en)

[origin: EP0293901A1] A closure for a container comprises a top 11 with a depending skirt 12 having an internal screw thread. Where the skirt joins the top, the internal surface 15 of the skirt is conically flared in a direction away from the top, and a flexible resilient fin 18 extends from the underside of the top substantially parallel to the flared surface 15. When the closure is applied to the neck of a container, the fin 18 becomes deformed outward and is sufficiently long to extend round the outer corner portion of the top of the container to a location on or contiguous to a cylindrical outer surface of the neck of the container and is pressed into tight sealing engagement with said outer corner portion by the flared surface. The free end portion of the fin may have an increased thickness, which causes it to resist expansion and to hug more closely to the outer corner portion of the neck of the container. The radially inner surface of the fin may have one or more annular ribs thereon, for example of triangular shape.

IPC 1-7

B65D 41/04

IPC 8 full level

B65D 41/04 (2006.01)

CPC (source: EP)

B65D 41/0428 (2013.01)

Cited by

US5423444A; US5638972A; US5836464A; US6082569A; CN113646237A; US6772894B1; WO8912584A1; WO0056616A1; US6325228B1; US6805252B2; US7431877B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0293901 A1 19881207; AU 3227584 A 19850228; AU 570997 B2 19880331; CA 1282033 C 19910326; DE 3476368 D1 19890302; EP 0136088 A2 19850403; EP 0136088 A3 19860806; EP 0136088 B1 19890125; ES 281256 U 19851216; FI 80653 B 19900330; FI 80653 C 19900710; FI 843298 A0 19840821; FI 843298 A 19850227; HK 74289 A 19890922; IE 55655 B1 19901205; IE 842127 L 19850226; SG 22589 G 19890714

DOCDB simple family (application)

EP 88108884 A 19840824; AU 3227584 A 19840822; CA 461745 A 19840824; DE 3476368 T 19840824; EP 84305822 A 19840824; ES 281256 U 19840824; FI 843298 A 19840821; HK 74289 A 19890914; IE 212784 A 19840816; SG 22589 A 19890411