

Title (en)

PLASTIC BOTTLE CAP HAVING A FOIL NECK SEAL

Publication

EP 0242475 A3 19881026 (EN)

Application

EP 86308001 A 19861015

Priority

US 85572386 A 19860425

Abstract (en)

[origin: EP0242475A2] To resist tampering with the contents of containers, a plastic cap 51 is provided with a foil liner 71. When the cap is seated on the container neck 11, the foil is caused to be sealed across the neck. To inhibit the foil from coming loose from the cap before closure a circumferential groove 72 is formed in the inside of the skirt wall immediately below the cap top disc 52. The outer edge of the foil snaps into the groove but does not remain in the groove when the cap is removed for dispensing contents. A tab 74 is formed extending out from the edge of the foil to be gripped by the consumer to remove the foil. This tab is folded over when the tab and cap are intact.

IPC 1-7

B65D 41/48; **B65D 51/20**

IPC 8 full level

B65D 41/34 (2006.01); **B65D 41/48** (2006.01); **B65D 51/20** (2006.01); **B65D 77/20** (2006.01)

CPC (source: EP)

B65D 41/48 (2013.01); **B65D 51/20** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0093** (2013.01); **B65D 2577/205** (2013.01)

Citation (search report)

- [X] EP 0176279 A2 19860402 - SCARIONI CAROL J [US], et al
- [AP] US 4605136 A 19860812 - DEBETENCOURT JEAN [BE]
- [A] GB 2072131 A 19810930 - ALUSUISSE

Cited by

GB2267082A; CN103857599A; EP0899204A1; FR2767792A1; WO9108146A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0242475 A2 19871028; **EP 0242475 A3 19881026**; **EP 0242475 B1 19900718**; AT E54642 T1 19900815; CA 1290281 C 19911008; DE 3672826 D1 19900823; JP S62260661 A 19871112

DOCDB simple family (application)

EP 86308001 A 19861015; AT 86308001 T 19861015; CA 515896 A 19860813; DE 3672826 T 19861015; JP 22176286 A 19860919