

Title (en)

Pilfer-proof plastic closure for containers.

Title (de)

Originalitätsgesicherter Verschluss für Behälter.

Title (fr)

Fermeture inviolable en matière plastique pour récipients.

Publication

**EP 0149496 A2 19850724 (EN)**

Application

**EP 85100467 A 19850117**

Priority

- JP 575684 A 19840118
- JP 13890484 A 19840706
- JP 22412684 A 19841026

Abstract (en)

A pilfer-proof plastic closure comprising a top panel wall (4) and a cylindrical skirt wall (6) extending downwardly from the peripheral edge of the top panel wall (4). The skirt wall has formed therein a circumferentially extending breakable line (16) dividing the skirt wall into a main portion (12) above the breakable line and a pilfer-proof bottom portion (14) below it. The main portion (12) has formed on its inner surface an internal thread (24) and the pilfer-proof bottom portion has formed on its inner surface a plurality of radially inwardly projecting engaging flaps (26) at circumferentially spaced positions. Each of said engaging flaps (26) has a first portion (32) extending from the inner surface of the pilfer-proof bottom portion and a second portion (34) extending further from the forward end (30) of the first portion (32) inclinedly to the first portion in the closing direction of the closure for mounting the closure on the mouth-neck portion. An axial breaking line (48) is formed in the pilfer-proof bottom portion (14) which extends downwardly from the upper end of the pilfer-proof bottom portion but is non-existent in at least a greater portion of the lower part of the pilfer-proof bottom portion. At least a greater portion of the base edge (28) of each of the engaging flaps is positioned in the aforesaid lower part where the axial breaking line (48) does not exist.

IPC 1-7

**B65D 41/34**

IPC 8 full level

**B65D 41/34** (2006.01)

CPC (source: EP KR)

**B65D 41/34** (2013.01 - KR); **B65D 41/3428** (2013.01 - EP); **B65D 2401/30** (2020.05 - EP); **B65D 2401/35** (2020.05 - EP); **B65D 2401/40** (2020.05 - EP)

Cited by

EP0254673A1; DE4121618A1; DE102005025581A1; EP0352962A1; US4830207A; GB2191178B; US9975669B2; USD833278S; US7077278B2

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**EP 0308995 A2 19890329**; **EP 0308995 A3 19890405**; DE 3575115 D1 19900208; EP 0149496 A2 19850724; EP 0149496 A3 19870527; EP 0149496 B1 19900103; KR 850005356 A 19850824; KR 890002821 B1 19890804

DOCDB simple family (application)

**EP 88116832 A 19850117**; DE 3575115 T 19850117; EP 85100467 A 19850117; KR 850000252 A 19850117