

Title (en)

PLASTIC SCREW CLOSURE CAP FOR A BOTTLE OR SIMILAR VESSEL

Title (de)

SCHRAUBKAPPE AUS KUNSTSTOFF ZUM VERSCHLIESSEN EINER FLASCHE ODER DERGLEICHEN

Title (fr)

BOUCHON FILETE EN PLASTIQUE SERVANT A FERMER UNE BOUTEILLE OU SIMILAIRE

Publication

**EP 0781237 B1 19981209 (DE)**

Application

**EP 95922499 A 19950606**

Priority

- DE 4433238 A 19940917
- EP 9502129 W 19950606

Abstract (en)

[origin: WO9608420A1] Described is a plastic screw cap (1) for a bottle or similar vessel, the cap having a cylindrical part (3) with an internal thread (4) designed to be screwed on to an external thread (5) on the neck (6) of the bottle. The cylindrical part of the cap is joined by thin rated break points (10) to a warranty ring (11) adjacent to the rim of this part. Located on the ring are inwards-facing tongue-shaped projections (12) designed to clip in behind a bulge (13) running round the outside of the bottle neck (6). Located on the inside of the warranty ring (11), next to the clip-in projections, are tongues (14) which face each other round the circumference and are inclined in at an angle towards the inside. When the cap is screwed on, these tongues (14) lie directly against the outside surface of the bottle neck, thus preventing a thin tool, e.g. a thin-bladed knife, from being pushed under the clip-in projections (12) and moved round the outside of the bottle neck in order to move the clip-in projections (12) slowly over the bulge running round the bottle neck, at the same time screwing the cap on further, without the rated break points breaking. When the tool begins to move round the outside of the bottle neck, it immediately becomes caught behind the first tongue (14). Since the tongues (14) lie at an angle against the bottle neck, some pointing in one direction and some in the other direction, tampering with the cap in this way is impossible in either direction round the bottle neck.

IPC 1-7

**B65D 41/34**

IPC 8 full level

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