

Title (en)

Security cap for the tamper-proof fastening of non refillable stoppers for bottles and other containers.

Title (de)

Sicherheitskappe für das originalitätssichere Fixieren von Stopfen, mit einer das Nachfüllen verhindernden Einrichtung, auf Flaschen und andere Behälter.

Title (fr)

Cape de sécurité pour la fixation inviolable des bouchons du type irremplissable sur les bouteilles et autres récipients.

Publication

EP 0045708 A1 19820210 (FR)

Application

EP 81420112 A 19810724

Priority

FR 8017009 A 19800729

Abstract (en)

1. Security cap for the tamperproof fastening of stoppers of the nonrefillable type on bottles and other containers, so shaped as to be engaged on the protruding portion of the stopper (2) and on the open upper portion of the neck (1) of the container, which cap has constricted zones (32, 30a) for penetrating into depressions, grooves or other portions of reduced diameter (11, 23) provided in each of the two above mentioned portions, characterized in that it comprises two annular strips (35, 37) of reduced resistance against tearing, one of which (37) is disposed between the open base of the cap (3) and the adjacent constricted zone (30a), while the other one (35) is located at the level of the restricted zone (23) provided between the top, adapted to be eliminated by tearing at the time of the first use of the container, and the portion of larger diameter (30) of the cap.

Abstract (fr)

Cape de sécurité pour la fixation inviolable des bouchons du type irremplissable sur les bouteilles et autres récipients. La cape comporte, entre sa partie renflée (30) et son extrémité ouverte, ainsi qu'entre son bord inférieur serti (30b) et la partie rétreinte (30a), une bande annulaire (35 ou 37) à faible résistance au déchirage propre à rendre apparente toute tentative d'intervention sur ladite cape en vue de son retrait.

IPC 1-7

B65D 49/00

IPC 8 full level

B65D 49/00 (2006.01)

CPC (source: EP)

B65D 49/00 (2013.01)

Citation (search report)

- FR 2077685 A1 19711105 - BOUCHON COURONNE [FR]
- FR 2203751 A1 19740517 - BEREZIAT ANDRE [FR]
- FR 1016974 A 19521127
- FR 2340256 A2 19770902 - BOUCHAGE MECANIQUE [FR]
- FR 2421118 A1 19791026 - UG CLOSURES & PLASTICS LTD [GB]

Cited by

CN107310842A

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

EP 0045708 A1 19820210; EP 0045708 B1 19841017; AT E9885 T1 19841115; DE 3166711 D1 19841122; ES 268530 U 19830601;
ES 268530 Y 19831201; FR 2487786 A1 19820205; FR 2487786 B1 19851018

DOCDB simple family (application)

EP 81420112 A 19810724; AT 81420112 T 19810724; DE 3166711 T 19810724; ES 268530 U 19810728; FR 8017009 A 19800729