

Title (en)
TAMPER-INDICATING CLOSURE MEANS FOR A SCREW-THREADED CONTAINER NECK

Publication
EP 0261037 A3 19880608 (FR)

Application
EP 87420159 A 19870615

Priority
FR 8609800 A 19860624

Abstract (en)
[origin: US4771904A] A tamperproof closure for a container having a threaded neck comprises a cap having an outside skirt threaded on the inside to be engaged on the neck of the container. The skirt is extended by a tamperproof band which is connected to the skirt by bridges of material that can be cut. The neck of the container is provided with a plurality of circumferentially oriented radial catches. The tamperproof band has a plurality of inside radial lugs having a profile complementary to the neck lugs, the catches and lugs being configured to permit passage of the latter over the former in the direction of screwing, and to oppose passage in the opposite direction. Below the threaded part of the container neck is provided a flange of cross section exhibiting a profile converging toward the bottom of the container. A face of each inside radial lug of the tamperproof band is beveled toward the direction of the cap top. When the flange of the neck of the container is placed axially on the neck, a traction stress is exerted on the tamperproof band in the direction of the bottom of the container.

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CPC (source: EP KR US)
B65D 41/04 (2013.01 - KR); **B65D 41/0421** (2013.01 - EP US); **B65D 41/3409** (2013.01 - EP US)

Citation (search report)
• [Y] EP 0072924 A1 19830302 - HC IND [US]
• [Y] EP 0118267 A2 19840912 - MASSMOULD HOLDINGS [GB]
• [A] US 4489843 A 19841225 - DROZD JR EDWARD J [US]
• [A] GB 2116155 A 19830921 - GUALA ANGELO SPA
• [A] FR 2411770 A1 19790713 - METAL CLOSURES GROUP LTD [GB]
• [A] DE 1811318 A1 19690731 - CONTINENTAL CAN CO
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EP0379823A1; FR2803830A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
FR 2600629 A1 19871231; FR 2600629 B1 19890317; DK 317987 A 19871225; DK 317987 D0 19870622; EP 0261037 A2 19880323; EP 0261037 A3 19880608; JP S6333262 A 19880212; KR 880000312 A 19880324; OA 08619 A 19881130; PT 85142 A 19880701; US 4771904 A 19880920

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FR 8609800 A 19860624; DK 317987 A 19870622; EP 87420159 A 19870615; JP 15565787 A 19870624; KR 870006164 A 19870618; OA 59147 A 19870624; PT 8514287 A 19870623; US 6516687 A 19870619