

Title (en)

Screw cap for the sealing of the neck of a container

Title (de)

Schraubkappe zum Schliessen eines Behälterhalses

Title (fr)

Capsule à vis pour le bouchage du goulot d'un récipient

Publication

EP 0677451 B1 19980211 (FR)

Application

EP 95420088 A 19950407

Priority

FR 9404821 A 19940415

Abstract (en)

[origin: EP0677451A1] The screw cap comprises a top (1), a cylindrical skirt (2) having a helical thread (4) on its internal face, and a base extended by a security ring (6) connected to the skirt by divisible links (7). The security ring has a collar (8) connected to an inwards turned continuous stop band (11). The stop band is inclined in the direction of the top so as to be able to be engaged during mounting on the bottle neck (R) under a peripheral projection (S) on the neck. The collar checking band has a continuous upper end edge (5) defining a stop plane (P-P') orthogonal to the cap axis (x-x'). From place to place are zones (16) of small thickness defining several sectors (17). On each sector and on the internal face relative to the axis is a rib (20) with a stop (21) delimiting a polygonal passage whose inscribed circle is of diameter less than that of the larger neck. <IMAGE>

IPC 1-7

B65D 41/34

IPC 8 full level

B65D 41/34 (2006.01)

CPC (source: EP US)

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Cited by

EP0872429A1; FR2761958A1; WO0034141A1

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DOCDB simple family (publication)

EP 0677451 A1 19951018; EP 0677451 B1 19980211; AT E163164 T1 19980215; AU 1648795 A 19951026; AU 682574 B2 19971009; CA 2147092 A1 19951016; CA 2147092 C 19990511; DE 69501598 D1 19980319; DE 69501598 T2 19980716; DK 0677451 T3 19980923; ES 2114285 T3 19980516; FR 2718714 A1 19951020; FR 2718714 B1 19960719; GR 3026706 T3 19980731; HU 214643 B 19980428; HU 9501081 D0 19950628; HU T72706 A 19960528; PL 176164 B1 19990430; PL 308165 A1 19951016; US 5678714 A 19971021

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