

Title (en)

PLASTIC THREADED CAP FOR THE INVIOABLE CLOSURE OF A TUBE, AND THE USE OF SAID CAP

Publication

**EP 0181271 B1 19880518 (FR)**

Application

**EP 85420172 A 19851001**

Priority

FR 8415348 A 19841003

Abstract (en)

[origin: EP0181271A1] 1. A screw-threaded cap composed of plastics materials for the inviolable closure of a tube also composed of plastics material, said tube (8) having a shoulder (17) connected to the body of the tube and surmounted by a nozzle (7) bearing at its base an external screw thread (6), and said cap (1) comprising a cover (2) bearing an internal screw thread (5) which can be screwed onto said external screw thread (6) of said nozzle (7) of said tube (8) and a sealing means (29) as well as, at its lower portion, a flange (4) which is inclined substantially as the shoulder (17) of the tube (8), characterized in that said flange (4) comprises at least one opening (9) extending to its periphery and at least one strip (10) situated in said opening (9) and connected to the cap (1) by at least one connecting bridge (11, 12), said strip (10) bearing beneath its lower face (26) and close to its rear edge (21) according to the unscrewing direction (22) of said cap (1) a relief (18) which bears by only one or more punctual contact surfaces (20) on said shoulder (17) of said tube (8) after screwing said cap (1) on said tube (8), and said flange (4) also comprising, on the edge (24) defining in the rear of the opening (9), an oblique face (23) which is inclined downwards according to said unscrewing direction (22) of cap (1).

IPC 1-7

**B65D 41/34**; **B65D 55/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

FR2742733A1; DE4125987A1; EP0780316A1; FR2742734A1; GB2242678A; GB2242678B; WO2006092077A1; JP2010280430A; JP2010285162A; JP2011063294A; JP2010285161A; JP2010285163A; JP2010285160A

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