

Title (en)

Caps with fast internal thread, suitable to prevent risks of violent expulsion of the cap

Title (de)

Schraubkappe mit schnellem Innengewinde um zu vermeiden, dass die Kappe zu schnell abspringt

Title (fr)

Bouchon à pas de vis intérieur rapide pouvant prévenir le risque d'expulsion violente du bouchon

Publication

EP 1529736 A3 20081210 (EN)

Application

EP 04425825 A 20041104

Priority

IT FI20030282 A 20031105

Abstract (en)

[origin: EP1529736A2] A reinforced and flexible connection (22) is provided between the cap (1) and the terminal security ring (9) to keep the cap (1) connected to the ring (9), when the former is unscrewed from the neck of the bottle; this connection can also be extended to hold the cap (1) raised when unscrewed, by means of at least an appendix (24 or 28); the raised cap can also be held to prevent rotation thereof around the axis of the neck C of the container.

IPC 8 full level

B65D 41/34 (2006.01); **B65D 55/16** (2006.01)

CPC (source: EP)

B65D 41/3452 (2013.01); **B65D 55/16** (2013.01); **B65D 2251/1008** (2013.01); **B65D 2401/30** (2020.05)

Citation (search report)

- [X] FR 2785264 A1 20000505 - CROWN CORK & SEAL TECH CORP [US]
- [X] US 5215204 A 19930601 - BECK JAMES M [US], et al
- [X] US 3904062 A 19750909 - GRUSSEN JEAN
- [X] US 2961119 A 19601122 - LEACH CHARLES F
- [X] DE 9318243 U1 19940210 - CROWN CORK AG [CH]

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

EP 1529736 A2 20050511; **EP 1529736 A3 20081210**; IT FI20030282 A1 20050506

DOCDB simple family (application)

EP 04425825 A 20041104; IT FI20030282 A 20031105