

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 A2 20050511 (EN)**

Application

**EP 04425825 A 20041104**

Priority

IT FI20030282 A 20031105

Abstract (en)

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 1-7

**B65D 41/34**

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)

Cited by

IT202000007399A1; ES2845229A1; CN102695657A; JP2013230823A; FR2937016A1; CN114007952A; EP4116212A1; IT202100017879A1; ES2845226A1; AU2008311561B2; EP2207726A4; GR1010549B; US2022127048A1; US11753215B2; ES2845224A1; CN115298105A; US11718450B2; ES2845227A1; EP3882172A1; FR3108319A1; WO2010040961A1; US9010555B2; US11518592B2; IT201900013671A1; EP3880578A4; CN114174191A; RU2769008C1; CN114401904A; WO2021146080A1; WO2021191486A1; JP2011500461A; US11780634B2; US11939104B2; CN111924311A; EP3880577A4; CN114981182A; EP4223662A3; US10457437B2; US11560250B2; US11834222B2; US12017816B2; US11485550B2; WO2021019419A1; WO2021156704A1; EP2933201B1

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