

Title (en)  
Tamper evident closure assembly

Title (de)  
Originalitätsverschlussvorrichtung

Title (fr)  
Dispositif de fermeture inviolable

Publication  
**EP 1582475 B1 20071114 (EN)**

Application  
**EP 05075726 A 20050329**

Priority  
IT MI20040663 A 20040401

Abstract (en)  
[origin: EP1582475A1] A plug (11) comprises a reclosable protective cap (13) having a smaller diameter with respect to a base collar (14) in steps, arranged on a screw neck (12), the protective cap and the base collar being connected through a hinge element (16) and a series of freely breakable elements (18), the plug comprising inside it a pouring element (19), the protective cap (13) and the base collar (14) being moulded, in closed position, in a single piece that is separated by the pouring element (19), wherein between the first step portion (14a) and the second step portion (14b) of the base collar at least one further breakable element (29,29') is foreseen, connected on one side to the cap and on the other side to the first step portion and that stretches and breaks in elongated position the first time the cap is opened from the base collar.

IPC 8 full level  
**B65D 41/34** (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP)  
**B65D 41/3447** (2013.01); **B65D 47/0804** (2013.01); **B65D 2401/15** (2020.05); **B65D 2401/35** (2020.05)

Cited by  
WO2007134618A1; WO2009122118A1; WO2011154324A1; CN103979197A; CN101959766A; IT201700048727A1; CN102933468A; AU2011263881B2; AU2006343839B2; DE202010012982U1; DE102019120039A1; EP3738901A1; IT201900006724A1; US9969535B2; US8393483B2; WO2019115326A1; US8104647B2; WO2021013857A1; WO2008005841A3; US8931243B2; US11267622B2; US10442591B2; US8505188B2; US8413830B2; US8708175B2; WO2007072076A1; US10287067B2; US11180292B2; US11649093B2; EP2953862B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1582475 A1 20051005; EP 1582475 B1 20071114**; AT E378265 T1 20071115; DE 602005003254 D1 20071227; DE 602005003254 T2 20080911; ES 2298924 T3 20080516; IT MI20040663 A1 20040701

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