

Title (en)

Non refillable stopper with double security device

Title (de)

Nicht erneut befüllbarer Verschluss mit doppeltem Garantieverschluss

Title (fr)

Bouchon non remplissable avec deux dispositifs d'inviolabilité

Publication

EP 1679268 B1 20091014 (EN)

Application

EP 05380267 A 20051216

Priority

ES 200403078 A 20041224

Abstract (en)

[origin: EP1679268A1] Non refillable stopper with double security device. The non refillable stopper is characterised in that a special tubular closing element forming a tubular body which is connected to and surrounds the upper portion of the bottle neck has an upper projecting flange and a lower projecting flange respectively which are pressed inwards by the action of the external laminar covering, which may be displaced vertically during the stopper opening operation, so that said flanges, in view of their compressed disposition, thus protrude resiliently outwards when they are released by the laminar covering, and prevent said external laminar covering from descending again, said flanges being permanently visible and demonstrating the prior opening of the bottle stopper.

IPC 8 full level

B65D 55/08 (2006.01); **B65D 41/34** (2006.01); **B65D 41/62** (2006.01); **B65D 49/04** (2006.01)

CPC (source: EP ES)

B65D 41/3409 (2013.01 - ES); **B65D 41/3423** (2013.01 - ES); **B65D 41/3428** (2013.01 - ES); **B65D 41/62** (2013.01 - EP); **B65D 49/04** (2013.01 - EP); **B65D 2401/55** (2020.05 - EP)

Cited by

CN102211687A; EP2862811A4; EP2769927A1; CN104583089A; EA028478B1; WO2008121086A1; WO2014128222A1; WO2021066771A3

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1679268 A1 20060712; **EP 1679268 B1 20091014**; AR 052820 A1 20070404; AT E445547 T1 20091015; BR PI0505629 A 20060919; CN 1792733 A 20060628; CO 5710200 A1 20061229; DE 602005017114 D1 20091126; ES 2229959 A1 20050416; ES 2229959 B1 20060216; ES 2334363 T3 20100309; MX PA05014146 A 20060623; PL 1679268 T3 20100331; RU 2005141807 A 20070720; RU 2377170 C2 20091227

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EP 05380267 A 20051216; AR P050105348 A 20051220; AT 05380267 T 20051216; BR PI0505629 A 20051223; CN 200510022975 A 20051222; CO 05126454 A 20051215; DE 602005017114 T 20051216; ES 05380267 T 20051216; ES 200403078 A 20041224; MX PA05014146 A 20051221; PL 05380267 T 20051216; RU 2005141807 A 20051223