

Title (en)

Tamper evident closure system for bottles

Title (de)

Sicherheitsverschlussystem für Flaschen

Title (fr)

Système de fermeture inviolable pour bouteilles

Publication

EP 2769927 A1 20140827 (EN)

Application

EP 13156202 A 20130221

Priority

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Abstract (en)

The present invention relates to a tamper evident closure system (10) for bottles. The closure system (10) comprises an indicator ring (14) which is fixedly attached to a pourer (15) and which becomes visible, upon first opening of the cap member (40), from a gap (16) formed in between an upper (30) and a lower sleeve (31). The indicator ring (14) is not part of the cap member (40) and the necessity for forming breakable bridges in between the cap (40) and the ring (14) is eliminated. The time required for forming breakable bridges is no longer spent and formation of plastic particulates among the bridges is avoided. A method for formation of an indicator ring (14) is also disclosed.

IPC 8 full level

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CPC (source: EP)

B65D 41/62 (2013.01); **B65D 49/04** (2013.01); **B65D 2401/30** (2020.05); **B65D 2401/55** (2020.05)

Citation (applicant)

- EP 1602591 A1 20051207 - CIA DE TAPONES IRRELLENABLES S [ES]
- EP 1392575 A1 20040303 - MONTGOMERY DANIEL & SON LTD [GB]
- WO 2008041119 A2 20080410 - FABIANO NICOLA [IT]
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Citation (search report)

[XAI] EP 1679268 A1 20060712 - PLASTIVIT SA [ES]

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RU2697793C1; WO2017153917A1; WO2020139242A1

Designated contracting state (EPC)

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EA 201590241 A1 20150430; ES 2575791 T3 20160701; HU E027596 T2 20161028; PL 2769927 T3 20160831; WO 2014128222 A1 20140828

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