

Title (en)

METHOD FOR TAMPER-PROOF CROWNING OF CLOSED CONTAINERS WITH A CLOSURE MEANS COMPRISING A CAP

Title (de)

VERFAHREN ZUM ENTNAHMESICHEREN BIEGEN VON VERSCHLOSSENEN BEHÄLTERN MIT EINER SCHLIESSVORRICHTUNG MIT EINEM AUFSATZ

Title (fr)

PROCEDE DE CAPSULAGE ANTI-FRAUDE DE RECIPIENTS FERMES PAR UN MOYEN DE BOUCHAGE COMPRENANT UNE CAPSULE

Publication

EP 1765719 A1 20070328 (FR)

Application

EP 05788668 A 20050708

Priority

- FR 2005001763 W 20050708
- FR 0407736 A 20040712

Abstract (en)

[origin: WO2006016046A1] The invention concerns a method for crowning a container neck (4), such as a bottle, by securing or crimping a cap (1, 1', 1'') provided with a skirt (2) on said neck, said neck (4) comprising a glass ring (41) with a lower shoulder (42), which consists in: a) crimping said cap (1, 1', 1'') to said neck (4), so as to form said swaged portion (20) of said skirt (2); b) marking said swaged portion (20) of said skirt (2) with an etching device (7, 8) forming an etching (5) on said swaged portion (20) based on an etching pattern (52). The visual mark reduces the mechanical properties of said swaged portion (20), so as to prevent any fraudulent attempt to uncrimp said cap from said neck or any recycling of the bottle.

IPC 8 full level

B67B 5/00 (2006.01); **B67B 3/02** (2006.01); **B67B 5/03** (2006.01)

CPC (source: EP US)

B23K 26/364 (2015.10 - EP US); **B29C 59/007** (2013.01 - EP US); **B41M 5/24** (2013.01 - EP US); **B67B 3/02** (2013.01 - EP US); **B67B 5/03** (2013.01 - EP US)

Citation (search report)

See references of WO 2006016046A1

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

DOCDB simple family (publication)

FR 2872808 A1 20060113; **FR 2872808 B1 20070907**; AR 050775 A1 20061122; BR PI0513228 A 20080429; CA 2568847 A1 20060216; EP 1765719 A1 20070328; MX PA06014284 A 20070219; US 2007289935 A1 20071220; WO 2006016046 A1 20060216

DOCDB simple family (application)

FR 0407736 A 20040712; AR P050102810 A 20050706; BR PI0513228 A 20050708; CA 2568847 A 20050708; EP 05788668 A 20050708; FR 2005001763 W 20050708; MX PA06014284 A 20050708; US 62876505 A 20050708