

Title (en)
DEVICE FOR SEALING THE MOUTH OF A BOTTLE

Title (de)
VORRICHTUNG ZUM ABDICHTEN EINES FLASCHENHALSES

Title (fr)
DISPOSITIF POUR OBTURER LE GOULOT D'UNE BOUTEILLE

Publication
EP 2739543 A1 20140611 (FR)

Application
EP 12750469 A 20120802

Priority
• FR 1157204 A 20110805
• FR 2012051832 W 20120802

Abstract (en)
[origin: WO2013021123A1] The invention relates to a device for sealing the mouth (G) of a bottle, said device (1) including: (i) a plug (2) comprising a body and a head (4), said plug head (4) comprising a lower surface (13) and a free upper surface (14); and (ii) a tubular cap (5), inside of which said stopper (2) is to be coaxially accommodated, said cap (5) comprising a skirt (6) and a seal (7), which are rigidly connected to one another by connecting means (8) comprising incipient breakage areas (8a). According to the invention, the plug head (4) and the seal (7) comprise cam means (17, 32), which engage with one another when said seal (7) is rotated (s) relative to said plug, so as to cause said seal (7) to translate relative to said plug head (4), such that, once said sealing device (1) has been mounted onto the mouth (G) of a bottle, said manual rotation of said cap (5) seal (7) causes said connecting means (8) to be broken.

IPC 8 full level
B65D 39/04 (2006.01); **B65D 39/16** (2006.01); **B65D 41/58** (2006.01); **B65D 41/62** (2006.01)

CPC (source: EP)
B65D 39/04 (2013.01); **B65D 39/16** (2013.01); **B65D 41/58** (2013.01); **B65D 41/62** (2013.01); **B65D 2401/25** (2020.05)

Citation (search report)
See references of WO 2013021123A1

Cited by
CN109689518A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
FR 2978739 A1 20130208; **FR 2978739 B1 20140606**; AR 087450 A1 20140326; EP 2739543 A1 20140611; EP 2739543 B1 20150826; ES 2554250 T3 20151217; PT 2739543 E 20151210; WO 2013021123 A1 20130214

DOCDB simple family (application)
FR 1157204 A 20110805; AR P120102843 A 20120803; EP 12750469 A 20120802; ES 12750469 T 20120802; FR 2012051832 W 20120802; PT 12750469 T 20120802