

Title (en)

DEVICE FOR OPENING AND CLOSING A CLOSURE ELEMENT

Title (de)

VORRICHTUNG ZUM ÖFFNEN UND SCHLIESSEN EINES VERSCHLUSSELEMENTS

Title (fr)

DISPOSITIF D' OUVERTURE ET DE FERMETURE D' UN BOUCHON

Publication

EP 1910182 A1 20080416 (FR)

Application

EP 06778808 A 20060707

Priority

- FR 2006001633 W 20060707
- FR 0507365 A 20050711
- FR 0509742 A 20050923

Abstract (en)

[origin: WO2007006937A1] The invention relates to a device for opening and closing a straw-equipped closure element. More specifically, the invention relates to a device for opening and closing a closure element which opens along the height thereof when a manual pressure is applied against two removable parts (1) that are resting on a plastic base (2) which is coupled to a straw. According to the invention, one part (3) of the straw is in the liquid, while the remaining two parts thereof are located inside the closure element, namely the fixed part (6) and the flexible part (7). The inventive device is particularly suitable for bottles containing any type of liquid that is intended for consumption.

IPC 8 full level

B65D 47/06 (2006.01); **B65D 77/28** (2006.01)

CPC (source: EP US)

B65D 47/063 (2013.01 - EP US); **B65D 77/283** (2013.01 - EP US)

Citation (search report)

See references of WO 2007006937A1

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 2888214 A1 20070112; AT E416994 T1 20081215; DE 602006004220 D1 20090122; EP 1910182 A1 20080416; EP 1910182 B1 20081210; ES 2319576 T3 20090508; US 2008099494 A1 20080501; WO 2007006937 A1 20070118

DOCDB simple family (application)

FR 0509742 A 20050923; AT 06778808 T 20060707; DE 602006004220 T 20060707; EP 06778808 A 20060707; ES 06778808 T 20060707; FR 2006001633 W 20060707; US 97090108 A 20080108