

Title (en)

Bottle or container closure for adding a component to its contents

Title (de)

Flaschen- oder Behälterverschluss zum Zudosieren einer Inhaltskomponente

Title (fr)

Fermeture de bouteille ou de récipient permettant d'y ajouter un composant

Publication

**EP 1712486 A1 20061018 (DE)**

Application

**EP 06112251 A 20060405**

Priority

CH 6792005 A 20050414

Abstract (en)

The bottle or container closure has a closure lower part (1) for sealing applying on bottles or container connecting pieces. The closure lower part is lockable against a down open chamber (16), and a sealing foil (17) and which can be glued or be welded on. The closure part has a domed top side (13) which deforms under downward pressure. A central part (14) having ridges (15) is pressable by the sealing foil. The closure lower part beside the chamber has a filling connecting piece (4) and the closure lower part has a cover cap (2) with a hinged end and tiltable on the catch lower part.

IPC 8 full level

**B65D 51/28** (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP US)

**B65D 47/0814** (2013.01 - EP US); **B65D 51/2835** (2013.01 - EP US); **B65D 2251/1041** (2013.01 - EP US); **B65D 2251/20** (2013.01 - EP US)

Citation (search report)

- [A] WO 03013962 A1 20030220 - SJI LTD [NZ], et al
- [A] FR 2291115 A2 19760611 - OREAL [FR]
- [A] FR 2853302 A1 20041008 - NESTLE WATERS MAN & TECHNOLOGY [FR]

Cited by

EP2216262A4; KR20130091616A; CN103153806A; US11203472B2; EP3558838A4; WO2011098865A1; WO2012048922A1

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 1712486 A1 20061018**; **EP 1712486 B1 20100127**; AT E456520 T1 20100215; DE 502006006019 D1 20100318; ES 2340413 T3 20100602; US 2006249473 A1 20061109

DOCDB simple family (application)

**EP 06112251 A 20060405**; AT 06112251 T 20060405; DE 502006006019 T 20060405; ES 06112251 T 20060405; US 40354006 A 20060413