

Title (en)

DEVICE AND METHOD FOR OPENING CONTAINERS OF LIQUIDS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÖFFNUNG VON FLÜSSIGKEITSBEHÄLTERN

Title (fr)

DISPOSITIF ET MÉTHODE D'OUVERTURE DE RÉCIPIENTS DE LIQUIDE

Publication

**EP 2582610 B1 20150805 (EN)**

Application

**EP 11738038 A 20110614**

Priority

- IT UD20100117 A 20100615
- IB 2011001310 W 20110614

Abstract (en)

[origin: WO2011158085A1] Device (10) and method for opening containers (12) of liquids, to remove lids (1 1) from the containers (12). The lids (1 1) are conformed to define a lip (1 1a). The device (10) comprises one or more removal members (15) each provided with an air passage pipe (17) associable with the lip (1 1a) and provided with a housing segment (18) for part of the lip (11a), and movement means (16) operatively associated with the removal members (15) to move them selectively at least between a first position for the removal of the lids (1 1) from the container (12), and a second position to move the lids (1 1). The device also 10 comprises one or more extractor elements (30) disposed in a relatively sliding manner inside the pipes (17) of the removal members (15). The movement means (16) are configured so as to define a third position for the discharge of the removal members (15), in which the extractor elements (30) are at least partly in the housing segment (18) and effect an action of axial thrust on the lip (1 1a), until the lid ( 1 1 ) is removed from its association with the pipe (17).

IPC 8 full level

**B67B 7/00** (2006.01); **B67B 7/14** (2006.01); **B67B 7/16** (2006.01)

CPC (source: EP)

**B67B 7/00** (2013.01); **B67B 7/14** (2013.01); **B67B 7/16A** (2013.01)

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)

**WO 2011158085 A1 20111222**; EP 2582610 A1 20130424; EP 2582610 B1 20150805; IT 1401017 B1 20130705; IT UD20100117 A1 20111216

DOCDB simple family (application)

**IB 2011001310 W 20110614**; EP 11738038 A 20110614; IT UD20100117 A 20100615