

Title (en)

Method for processing filled containers having an invertible diaphragm

Title (de)

Verfahren zur Bearbeitung gefüllter Behälter mit einer invertierbaren Membran

Title (fr)

Procédé de traitement de récipients remplis ayant un diaphragme réversible

Publication

EP 3009393 A1 20160420 (EN)

Application

EP 14306647 A 20141016

Priority

EP 14306647 A 20141016

Abstract (en)

Method for processing a container (1) provided with a sidewall and a base (7) including a standing ring (8) and a central invertible diaphragm (9), said diaphragm (9) having a symmetry around a main axis (X) and being deformable with respect to the sidewall (5) between a lower position wherein said diaphragm (9) projects outwardly with respect to the container (1) and an upper position wherein said diaphragm (9) projects inwardly with respect to the container (1), said method including the step of exerting on the diaphragm (9), by means of a movable pusher (26), an inversion effort (E) along an effort axis (Z) to invert the diaphragm (9) from its lower position to its upper position, wherein the effort axis (Z) is distinct from the main axis (X).

IPC 8 full level

B67C 3/24 (2006.01)

CPC (source: EP)

B67C 3/24 (2013.01); **B67C 2003/226** (2013.01)

Citation (applicant)

US 2008047964 A1 20080228 - DENNER JOHN [US], et al

Citation (search report)

- [X1] JP 2008100720 A 20080501 - TOYO SEIKAN KAISHA LTD
- [X1] JP 2002054100 A 20020219 - KAO CORP
- [AD] US 2008047964 A1 20080228 - DENNER JOHN [US], et al
- [A] WO 2013139874 A1 20130926 - SIDEL SPA CON SOCIO UNICO [IT]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3009393 A1 20160420; WO 2016059139 A1 20160421

DOCDB simple family (application)

EP 14306647 A 20141016; EP 2015073842 W 20151015