

Title (en)

METHOD FOR FILLING BOTTLES OR SIMILAR CONTAINERS AND FILLING MACHINE

Title (de)

VERFAHREN ZUM FÜLLEN VON FLASCHEN ODER DERGLEICHEN BEHÄLTERN SOWIE FÜLLMASCHINE

Title (fr)

PROCÉDÉ POUR REMPLIR DES BOUTEILLES OU DES CONTENANTS ANALOGUES, ET MACHINE DE REMPLISSAGE CORRESPONDANTE

Publication

EP 2414272 A2 20120208 (DE)

Application

EP 10709433 A 20100317

Priority

- EP 2010001678 W 20100317
- DE 102009014857 A 20090330

Abstract (en)

[origin: WO2010112141A2] The invention relates to a method for filling bottles or similar containers with a liquid product at a filling position, using a filling element for the controlled delivery of the product into the respective container, the foam formation of the product inside the respective container already being reduced and/or suppressed during the formation stage by a treatment or by influencing the product.

IPC 8 full level

B67C 3/22 (2006.01)

CPC (source: EP US)

B65B 3/22 (2013.01 - US); **B67C 3/22** (2013.01 - EP US); **B67C 3/222** (2013.01 - EP US); **B67C 2003/2671** (2013.01 - EP US); **Y10T 137/0385** (2015.04 - EP US); **Y10T 137/299** (2015.04 - EP US)

Citation (search report)

See references of WO 2010112141A2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010112141 A2 20101007; **WO 2010112141 A3 20110421**; DE 102009014857 A1 20101014; DE 102009014857 B4 20140626; EP 2414272 A2 20120208; EP 2414272 B1 20150916; US 2011272060 A1 20111110; US 8893752 B2 20141125

DOCDB simple family (application)

EP 2010001678 W 20100317; DE 102009014857 A 20090330; EP 10709433 A 20100317; US 201013143597 A 20100317