

Title (en)

DEVICE AND METHOD FOR FILLING A CONTAINER TO BE FILLED WITH A FILLING PRODUCT AND FOR CLOSING THE FILLED CONTAINER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEFÜLLEN EINES ZU BEFÜLLENDEN BEHÄLTERS MIT EINEM FÜLLPRODUKT UND ZUM VERSCHLIEßEN DES BEFÜLLTEN BEHÄLTERS

Title (fr)

DISPOSITIF ET PROCÉDÉ DESTINÉS À REMPLIR UN RÉCIPIENT À REMPLIR AVEC UN PRODUIT DE REMPLISSAGE ET À FERMER LE RÉCIPIENT REMPLI

Publication

EP 3678978 A1 20200715 (DE)

Application

EP 18773949 A 20180910

Priority

- DE 102017120746 A 20170908
- EP 2018074249 W 20180910

Abstract (en)

[origin: WO2019048656A1] The invention relates to a device (1) for filling a container (100) to be filled with a filling product and for closing the filled container (100) with a container closure, comprising a treatment chamber (2) for receiving a mouth (110) of the container (100) to be filled in a sealing manner, a filling body (4) for filling the container (100) received with the mouth (110) thereof in the treatment chamber (2), a closing body (5) for closing the container (100) received with the mouth (110) thereof in the treatment chamber (2), once it has been filled, with a container closure, and a compression gas valve (6) communicating with the treatment chamber (2) for introducing a compression gas into the treatment chamber (2), a vacuum valve (7) communicating with the treatment chamber (2) being provided for generating a vacuum in the treatment chamber (2).

IPC 8 full level

B67B 3/02 (2006.01); **B67C 3/10** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP)

B67B 3/02 (2013.01); **B67C 3/10** (2013.01); **B67C 7/00** (2013.01); **B67C 2003/2648** (2013.01); **B67C 2003/2697** (2013.01)

Citation (search report)

See references of WO 2019048656A1

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)

WO 2019048656 A1 20190314; CN 111247086 A 20200605; CN 111247086 B 20220415; DE 102017120746 A1 20190314; EP 3678978 A1 20200715

DOCDB simple family (application)

EP 2018074249 W 20180910; CN 201880067636 A 20180910; DE 102017120746 A 20170908; EP 18773949 A 20180910