

Title (en)

METHOD AND FILLING BODY FOR FILLING A CONTAINER

Title (de)

VERFAHREN SOWIE FÜLLORGAN ZUM BEFÜLLEN EINES BEHÄLTERS

Title (fr)

PROCÉDÉ ET PROCÉDÉ ET ORGANE DE REMPLISSAGE POUR REMPLIR UN RÉSERVOIR

Publication

EP 3678984 A1 20200715 (DE)

Application

EP 18768852 A 20180910

Priority

- DE 102017120745 A 20170908
- EP 2018074254 W 20180910

Abstract (en)

[origin: WO2019048658A1] The invention relates to a method and a filling body (1) for filling a container (100) with a filling product, comprising a mouth seal (2) for connecting the filling body (1) to the mouth (110) of the container (100) to be filled in a sealing manner, a filling product outlet (3) for introducing a filling product into the container (100) sealed to the filling body (1), a vacuum channel (5) for supplying the container (100) connected to the filling body (1) in a sealing manner with a vacuum and a flushing gas channel (4) for introducing a flushing gas into the container (100) connected to the filling body (1) in a sealing manner, a control system (6) being provided, which is designed to open the flushing gas channel (4) intermittently while the vacuum channel (5) is continuously open.

IPC 8 full level

B67C 3/10 (2006.01)

CPC (source: EP)

B67C 3/10 (2013.01); **B67C 3/2614** (2013.01)

Citation (search report)

See references of WO 2019048658A1

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 2019048658 A1 20190314; CN 111247087 A 20200605; CN 111247087 B 20211015; DE 102017120745 A1 20190314; EP 3678984 A1 20200715; EP 3678984 B1 20230301; SI 3678984 T1 20230428

DOCDB simple family (application)

EP 2018074254 W 20180910; CN 201880067570 A 20180910; DE 102017120745 A 20170908; EP 18768852 A 20180910; SI 201830872 T 20180910