

Title (en)

METHOD FOR FILLING A MEDICAL PACKAGING, FILLING DEVICE, AND MEDICAL PACKAGING BAG

Title (de)

VERFAHREN ZUM BEFÜLLEN EINER MEDIZINISCHEN VERPACKUNG, BEFÜLLVORRICHTUNG, SOWIE ALS BEUTEL AUSGEBILDETE MEDIZINISCHE VERPACKUNG

Title (fr)

PROCÉDÉ DE REMPLISSAGE D'UN EMBALLAGE MÉDICAL, DISPOSITIF DE REMPLISSAGE AINSI QU'EMBALLAGE MÉDICAL SE PRÉSENTANT SOUS LA FORME D'UN SAC

Publication

**EP 3684320 C0 20230607 (DE)**

Application

**EP 18773762 A 20180921**

Priority

- EP 17192684 A 20170922
- EP 2018075647 W 20180921

Abstract (en)

[origin: WO2019057918A1] The invention relates to a method and to a device for filling a medical packaging formed as a pouch. Preferably, the packaging is filled with liquid via a port, wherein the port is aerated with a protective gas, such as nitrogen, for example, during filling. According to the invention, prior to filling with liquid, the packaging is filled with an inert gas, such as nitrogen, for example, which then provides the headspace of the filled and closed pouch. This results in a particularly low oxygen content in the headspace of the pouch.

IPC 8 full level

**A61J 1/10** (2006.01); **A61J 1/14** (2023.01); **A61J 1/20** (2006.01)

CPC (source: EP KR US)

**A61J 1/10** (2013.01 - EP KR US); **A61J 1/1431** (2015.05 - KR US); **A61J 1/1462** (2013.01 - EP KR US); **A61J 1/1468** (2015.05 - KR US); **A61J 1/1475** (2013.01 - KR); **A61J 1/1481** (2015.05 - KR US); **A61J 1/16** (2013.01 - EP KR US); **A61J 1/20** (2013.01 - KR US); **B65B 3/003** (2013.01 - EP KR US); **B65B 31/024** (2013.01 - US); **B65D 1/095** (2013.01 - KR US); **A61J 1/1481** (2015.05 - EP)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**WO 2019057918 A1 20190328**; BR 112020000069 A2 20200707; CN 111107822 A 20200505; CN 111107822 B 20231024; EP 3684320 A1 20200729; EP 3684320 B1 20230607; EP 3684320 C0 20230607; KR 20200050942 A 20200512; US 11548665 B2 20230110; US 2020270003 A1 20200827

DOCDB simple family (application)

**EP 2018075647 W 20180921**; BR 112020000069 A 20180921; CN 201880061626 A 20180921; EP 18773762 A 20180921; KR 20207001290 A 20180921; US 201816646837 A 20180921