

Title (en)

METHOD FOR FILLING AND CLOSING CONTAINERS

Title (de)

VERFAHREN ZUM BEFÜLLEN UND VERSCHLIEßEN VON BEHÄLTERN

Title (fr)

PROCÉDÉ DE REMPLISSAGE ET DE FERMETURE DE CONTENANTS

Publication

EP 4054972 A1 20220914 (DE)

Application

EP 20804180 A 20201105

Priority

- DE 102019130052 A 20191107
- EP 2020081028 W 20201105

Abstract (en)

[origin: WO2021089658A1] The invention relates to a method for filling and closing containers at a filling and closing element of a handling station. According to an essential aspect of the invention, after completion of the filling phase, a handling phase is carried out at the filling and closing element of the handling station, in which the process chamber is pre-loaded in particular above the container opening of the corresponding container by means of nitrogen to a pressure which is at or above the saturation pressure of the CO₂ contained in the filling material.

IPC 8 full level

B67C 7/00 (2006.01)

CPC (source: EP US)

B67C 3/007 (2013.01 - US); **B67C 3/10** (2013.01 - EP US); **B67C 3/2631** (2013.01 - US); **B67C 7/00** (2013.01 - EP US); **B67C 2003/2697** (2013.01 - EP US)

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)

DE 102019130052 A1 20210512; CN 114641449 A 20220617; EP 4054972 A1 20220914; US 11999605 B2 20240604; US 2022380189 A1 20221201; WO 2021089658 A1 20210514

DOCDB simple family (application)

DE 102019130052 A 20191107; CN 202080077217 A 20201105; EP 2020081028 W 20201105; EP 20804180 A 20201105; US 202017775359 A 20201105