

Title (en)

DEVICE FOR CAPPING A CONTAINER OF A LIQUID TO PASTY PRODUCT, AND REFILL CLOSED BY SUCH A DEVICE

Title (de)

VORRICHTUNG ZUM VERSCHLIESSEN EINES BEHÄLTERS EINES FLÜSSIGEN BIS PASTÖSEN PRODUKTS UND MIT EINER SOLCHEN VORRICHTUNG VERSCHLOSSENE NACHFÜLLPACKUNG

Title (fr)

DISPOSITIF DE BOUCHAGE D'UN CONTENANT D'UN PRODUIT LIQUIDE À PÂTEUX ET RECHARGE FERMÉE PAR UN TEL DISPOSITIF

Publication

EP 3999245 A1 20220525 (FR)

Application

EP 20736969 A 20200702

Priority

- FR 1908253 A 20190719
- EP 2020068653 W 20200702

Abstract (en)

[origin: WO2021013492A1] The invention relates to a capping device (1) comprising: - a capping wall (10) having a communication through-duct (13) and intended to close the opening of a product container, - a stopper that is movable in the duct, the stopper comprising a cavity that opens onto one side of the wall, is closed by a bottom (30) and comprising at least one lateral opening (32); in the closed position, this bottom closes the duct, and in the open position, the lateral opening(s) and this bottom exit the duct, the duct then being open in fluidic communication through the stopper. The invention also relates to a product refill (4) comprising a container (7) closed by this capping device. It also relates to a dispensing device comprising this refill and a dispensing head.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: CN EP US)

B05B 11/0054 (2013.01 - EP); **B05B 11/026** (2023.01 - EP); **B05B 11/1047** (2023.01 - CN); **B65D 33/16** (2013.01 - US); **B65D 83/005** (2013.01 - US); **B65D 83/0055** (2013.01 - CN); **B65D 83/0072** (2013.01 - US); **B65D 83/28** (2013.01 - CN); **B65D 83/32** (2013.01 - CN); **B65D 83/38** (2013.01 - CN); **B65D 83/425** (2013.01 - CN); **B05B 11/0032** (2013.01 - EP); **B05B 11/0038** (2018.08 - EP); **B05B 11/1035** (2023.01 - EP); **B05B 11/1047** (2023.01 - EP); **B65D 2583/005** (2013.01 - 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)

WO 2021013492 A1 20210128; CN 114206748 A 20220318; CN 114206748 B 20230704; EP 3999245 A1 20220525; FR 3098797 A1 20210122; FR 3098797 B1 20220128; US 12006128 B2 20240611; US 2022348396 A1 20221103

DOCDB simple family (application)

EP 2020068653 W 20200702; CN 202080048156 A 20200702; EP 20736969 A 20200702; FR 1908253 A 20190719; US 202017624226 A 20200702