

Title (en)

DEVICE FOR THE DOSED FILLING OF A CONTAINER WITH A FILLING MATERIAL

Title (de)

VORRICHTUNG ZUM DOSIERTEN BEFÜLLEN EINES BEHÄLTNISSES MIT EINEM FÜLLGUT

Title (fr)

DISPOSITIF PERMETTANT LE REMPLISSAGE DOSÉ D'UN CONTENANT AVEC UN PRODUIT DE REMPLISSAGE

Publication

EP 3709948 B1 20211208 (DE)

Application

EP 18717820 A 20180307

Priority

DE 2018000056 W 20180307

Abstract (en)

[origin: WO2019170180A1] The invention relates to a device (10) for the dosed filling of a container (40) with a filling material (22). The device (10) has a holding unit (42) for holding the container (40) and a filling unit by means of which a defined amount of the filling material (22) can be withdrawn from a material store (20) and transferred into the container (40). The filling unit has at least one dosing chamber (32). Said dosing chamber (32) is mounted displaceably so that the dosing chamber (32) is alternately in a first position (36) and in a second position (38). In its first position (36), the dosing chamber (32) is in contact with the material store (20) so that filling material (22) can be transferred out of the material store (20) into the dosing chamber (32). In its second position (38), the dosing chamber (32) is situated above the container (40) so that the filling material (22) in the dosing chamber (32) can be emptied into the container (40). According to the invention, the material store is in the form of a separate container (20) and can be fastened detachably to the device (10) by means of a fastening unit (26).

IPC 8 full level

A61J 3/07 (2006.01)

CPC (source: EP US)

A61J 3/074 (2013.01 - EP US); **B65B 1/36** (2013.01 - US); **A61J 7/0038** (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

DOCDB simple family (publication)

WO 2019170180 A1 20190912; CA 3092267 A1 20190912; CN 111801085 A 20201020; DE 112018007227 A5 20201126; EP 3709948 A1 20200923; EP 3709948 B1 20211208; US 11155371 B2 20211026; US 2021002006 A1 20210107

DOCDB simple family (application)

DE 2018000056 W 20180307; CA 3092267 A 20180307; CN 201880090724 A 20180307; DE 112018007227 T 20180307; EP 18717820 A 20180307; US 201816977432 A 20180307