

Title (en)

DEVICE AND METHOD FOR FILLING, SEALING AND LABELLING RECEPTACLES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEFÜLLEN, VERSCHLIESSEN UND ETIKETTIEREN VON BEHÄLTNISSSEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR REMPLIR, FERMER ET ÉTIQUETER DES RÉCIPIENTS

Publication

**EP 2797834 B1 20201202 (DE)**

Application

**EP 12813336 A 20121219**

Priority

- DE 102011057112 A 20111229
- EP 2012076190 W 20121219

Abstract (en)

[origin: WO2013098162A1] A device for handling receptacles (10), comprising a movable carrier (2) for transporting the receptacles to be handled and having a plurality of handling units (4, 6, 8), which handle each receptacle (10) in a specified manner, wherein the handling units (4, 6, 8) of a first group of said handling units (4, 6, 8) are filling units (4) that fill the receptacles (10) with a flowable medium, said filling units (4) each having filling elements (14) arranged on the carrier (2), wherein said filling elements move together with the receptacles (10) at least in sections, wherein the handling units (4, 6, 8) of a second group of said handling units (4, 6, 8) are labelling devices (6) that apply labels to the receptacles (10), and wherein the handling units (4, 6, 8) of a third group of said handling units (4, 6, 8) are sealing units (8) that seal the receptacles (10) filled with the flowable medium by means of a seal, each of which has sealing elements (18) arranged on the carrier (2), which move together with the receptacles (10) at least in sections. According to the invention, the handling units (4, 6, 8) are arranged in such a manner relative to the carrier (2) that the receptacles are filled by the first filling units (4), the receptacles (10) are labelled by the labelling units (6) and the receptacles (10) are sealed by the sealing units (8) while the receptacles (10) are being transported by means of the one movable carrier (2).

IPC 8 full level

**B67C 7/00** (2006.01)

CPC (source: EP US)

**B65C 3/14** (2013.01 - US); **B65C 9/02** (2013.01 - US); **B67C 7/00** (2013.01 - EP US); **B67C 7/0013** (2013.01 - EP US); **B67C 7/004** (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 2013098162 A1 20130704**; CN 104039684 A 20140910; CN 104039684 B 20160629; DE 102011057112 A1 20130704; EP 2797834 A1 20141105; EP 2797834 B1 20201202; US 10315905 B2 20190611; US 2015143778 A1 20150528

DOCDB simple family (application)

**EP 2012076190 W 20121219**; CN 201280065206 A 20121219; DE 102011057112 A 20111229; EP 12813336 A 20121219; US 201214368877 A 20121219