

Title (en)

METHOD AND FILLING SYSTEM FOR FILLING CONTAINERS IN A VOLUME AND/OR QUANTITY CONTROLLED MANNER

Title (de)

VERFAHREN SOWIE FÜLLSYSTEM ZUM VOLUMEN- UND/ODER MENGENGESTEUERTEN FÜLLEN VON BEHÄLTERN

Title (fr)

PROCÉDÉ ET SYSTÈME DE REMPLISSAGE POUR LE REMPLISSAGE DE RÉCIPIENTS SELON UN VOLUME ET/OU UNE QUANTITÉ COMMANDÉS

Publication

EP 2627603 B1 20141105 (DE)

Application

EP 11760711 A 20110923

Priority

- DE 102010047883 A 20101011
- EP 2011004759 W 20110923

Abstract (en)

[origin: WO2012048791A1] The invention relates to a method and a filling system for filling containers (2) with contents that have at least one main component (K1) and at least one additional component (K2) in a quantity and/or volume controlled manner. The components are introduced into the respective container (2) via a common contents line (8, 8a) and a filling element (3), said container being arranged on the filling element, in a filling process, specifically in a controlled manner by means of a fluid flow rate measuring device (18, 19; 18a, 19a) which is associated with the filling element and which triggers an end of the respective filling process when the at least one main component and the at least one additional component are introduced into the respective container in the required filling volume.

IPC 8 full level

B67C 3/04 (2006.01); **B67C 3/20** (2006.01)

CPC (source: EP US)

B65B 3/326 (2013.01 - US); **B67C 3/045** (2013.01 - EP US); **B67C 3/20** (2013.01 - US); **B67C 3/208** (2013.01 - EP US)

Cited by

CN111333002A

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)

DE 102010047883 A1 20120412; EP 2627603 A1 20130821; EP 2627603 B1 20141105; SI 2627603 T1 20150130;
US 2013220481 A1 20130829; US 9150398 B2 20151006; WO 2012048791 A1 20120419

DOCDB simple family (application)

DE 102010047883 A 20101011; EP 11760711 A 20110923; EP 2011004759 W 20110923; SI 201130346 T 20110923;
US 201113876614 A 20110923