

Title (en)

METHOD AND FILLING ELEMENT FOR FILLING CONTAINERS WITH A LIQUID FILLING MATERIAL

Title (de)

VERFAHREN SOWIE FÜLLELEMENT ZUM FÜLLEN VON BEHÄLTERN MIT EINEM FLÜSSIGEN FÜLLGUT

Title (fr)

PROCÉDÉ ET ÉLÉMENT DE REMPLISSAGE POUR LE REMPLISSAGE DE RÉCIPIENTS AVEC UN LIQUIDE

Publication

EP 2550230 A1 20130130 (DE)

Application

EP 10779480 A 20101119

Priority

- DE 102010012577 A 20100323
- EP 2010007037 W 20101119

Abstract (en)

[origin: WO2011116798A1] The invention relates to a method for filling, in particular in a free-stream manner, bottles (2) or similar containers with a liquid filling material using a filling element (1, 1a-1c), the filling element having at least one filling material path in the interior of the filling element, wherein the liquid filling material flows through said filling material path during filling and said filling material path is formed, for example, by a liquid channel (5, 5a-5c), and the filling element having at least one liquid valve (8, 8a-8c) arranged in the filling material path, wherein said liquid valve is opened and closed to dispense the filling material at at least one dispensing opening (7) in a controlled manner, wherein when the liquid valve is closed, dripping of the liquid filling material at the at least one dispensing opening (7) is avoided by at least one structure that prevents said dripping.

IPC 8 full level

B67C 3/26 (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP US)

B67C 3/2608 (2013.01 - EP US); **B67C 3/286** (2013.01 - EP US)

Citation (search report)

See references of WO 2011116798A1

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 102010012577 A1 20110929; EP 2550230 A1 20130130; EP 2550230 B1 20140226; PL 2550230 T3 20140731; SI 2550230 T1 20140530; US 2012298251 A1 20121129; US 8833407 B2 20140916; WO 2011116798 A1 20110929

DOCDB simple family (application)

DE 102010012577 A 20100323; EP 10779480 A 20101119; EP 2010007037 W 20101119; PL 10779480 T 20101119; SI 201030591 T 20101119; US 201013521072 A 20101119