

Title (en)

DEVICE AND METHOD FOR FILLING A CONTAINER WITH A FILLING PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFÜLLEN EINES BEHÄLTERS MIT EINEM FÜLLPRODUKT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REMPLISSAGE D'UN RÉCIPIENT DOTÉ D'UN PRODUIT DE REMPLISSAGE

Publication

EP 3795532 A1 20210324 (DE)

Application

EP 20197276 A 20200921

Priority

DE 102019125329 A 20190920

Abstract (en)

[origin: CN112537741A] Method and filling device for filling a container (100) with a filling product, in a beverage filling system, wherein the method comprises: determining one or more changeable influence variables (42) which influence a target variable (41) of the filling process, a filling level and/or a filling volume; receiving the influence variables (42) by means of a control apparatus (40); calculating at least one output variable (43) from the received influence variables (42) by means of a calculation model of the control apparatus (40); and filling the container (100) as a function of the at least one output variable (43).

IPC 8 full level

B67C 3/06 (2006.01); **B67C 3/12** (2006.01); **B67C 3/28** (2006.01)

CPC (source: CN EP US)

B65B 3/12 (2013.01 - US); **B65B 3/26** (2013.01 - US); **B67C 3/007** (2013.01 - CN EP US); **B67C 3/06** (2013.01 - EP US); **B67C 3/16** (2013.01 - CN US); **B67C 3/20** (2013.01 - US); **B67C 3/22** (2013.01 - CN); **B67C 3/26** (2013.01 - CN US); **B67C 3/2634** (2013.01 - US); **B67C 3/2637** (2013.01 - US)

Citation (applicant)

- DE 102014104872 A1 20151008 - KRONES AG [DE]
- DE 102014104873 A1 20151008 - KRONES AG [DE]

Citation (search report)

- [X] EP 2927189 A1 20151007 - KRONES AG [DE]
- [X] DE 102017119069 A1 20190221 - KRONES AG [DE]
- [X] WO 2019121151 A1 20190627 - SIDEL PARTICIPATIONS [FR]
- [X] US 2016368751 A1 20161222 - FICKERT HILMAR [DE]
- [A] DE 102014216562 A1 20160225 - KRONES AG [DE]

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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)

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DOCDB simple family (application)

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