

Title (en)

METHOD AND DEVICE FOR FILLING A FILL PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABFÜLLEN EINES FÜLLPRODUKTS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REMPLISSAGE D'UN PRODUIT DE REMPLISSAGE

Publication

EP 3498659 B1 20230426 (DE)

Application

EP 18212636 A 20181214

Priority

DE 102017130034 A 20171214

Abstract (en)

[origin: US2019185309A1] A method for filling with a filling product, for example for filling with a beverage in a beverage filling plant by the free jet method, includes supplying a flow of filling product through a filling product supply line by opening a filling valve disposed in the filling product supply line and opening an associated regulating valve for regulating a volume flow, and closing the regulating valve and the filling valve in order to end the flow of filling product at the end of filling. The closing of the regulating valve and the filling valve are synchronized. A corresponding device is also described.

IPC 8 full level

B67C 3/28 (2006.01)

CPC (source: CN EP US)

B65B 3/04 (2013.01 - CN US); **B65B 3/26** (2013.01 - CN US); **B65B 3/34** (2013.01 - CN US); **B67C 3/281** (2013.01 - US); **B67C 3/286** (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)

EP 3498659 A1 20190619; **EP 3498659 B1 20230426**; CN 109956068 A 20190702; CN 109956068 B 20221021; DE 102017130034 A1 20190619; SI 3498659 T1 20230630; US 11111124 B2 20210907; US 2019185309 A1 20190620

DOCDB simple family (application)

EP 18212636 A 20181214; CN 201811525702 A 20181213; DE 102017130034 A 20171214; SI 201830913 T 20181214; US 201816218337 A 20181212