

Title (en)

AN APPARATUS AND A METHOD FOR FILLING A CONTAINER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEFÜLLEN EINES BEHÄLTERS

Title (fr)

APPAREIL ET PROCÉDÉ DE REMPLISSAGE D'UN CONTENANT

Publication

**EP 3705450 B1 20220803 (EN)**

Application

**EP 19305271 A 20190308**

Priority

EP 19305271 A 20190308

Abstract (en)

[origin: EP3705450A1] An apparatus (1) for filling a container (2) includes a shutter (8) movable along an axis (A) for closing or opening, in a variable manner, an outflow passage of the valve (5) itself, designed to control the filling of the container (2) with a pourable product under pressure, a position sensor for measuring the position of the shutter (8) along the axis (A), a pressure sensor (28) for measuring the pressure of the pourable product, and a control unit (27) having a memory holding a predetermined dataset, which contains flowrate values as a function of the pressure of the pourable product and the position of the shutter (8), and estimating flowrate from the dataset as a function of the measured position of the shutter (8) and the measured pressure of the pourable product to control the position of the shutter (8).

IPC 8 full level

**B67C 3/28** (2006.01); **B67C 3/00** (2006.01)

CPC (source: EP)

**B67C 3/007** (2013.01); **B67C 3/287** (2013.01)

Citation (opposition)

Opponent : KRONES AG

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EP3995439A1; WO2022100935A1

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**EP 3705450 A1 20200909; EP 3705450 B1 20220803; WO 2020182419 A1 20200917**

DOCDB simple family (application)

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