

Title (en)

Method for filling bottles or similar containers with a liquid product

Title (de)

Verfahren zum Abfüllen eines flüssigen Füllgutes in Flaschen oder dergl. Behälter

Title (fr)

Procédé pour remplir des bouteilles ou des récipients similaires avec un produit liquide

Publication

**EP 0705788 A3 19960612 (DE)**

Application

**EP 95114683 A 19950919**

Priority

DE 4434174 A 19940924

Abstract (en)

[origin: EP0705788A2] The filling process for bottles (7) takes place in a filling system with a filling element (1), issuing aperture (12) and fluid channel (10) with fluid valve (16), and at least one gas path (13). The washing in the pre-handling stage consists of a first wash and a later second wash, done entirely by steam. The first stage of each wash consists of evacuating the bottle, then introducing a preset amount of steam. This takes place independently of the power supply driving the filling system. A final evacuation takes place after the last wash. The introduction of the steam is time-controlled.

IPC 1-7

**B67C 3/10**

IPC 8 full level

**B67C 3/10** (2006.01)

CPC (source: EP)

**B67C 3/10** (2013.01); **B67C 3/286** (2013.01)

Citation (search report)

- [A] EP 0536906 A1 19930414 - GUINNESS BREWING WORLDWIDE [GB]
- [A] DE 4126136 A1 19930211 - SEITZ ENZINGER NOLL MASCH [DE]
- [A] DE 4207829 A1 19930916 - MAGDEBURG GETRAENKEMASCH [DE]
- [A] EP 0308721 A1 19890329 - ORTHMANN & HERBST [DE]
- [A] EP 0614850 A1 19940914 - KHS MASCH & ANLAGENBAU AG [DE]

Cited by

DE102015111374A1; EP1270499A1; EP1584601A1; JP2005298066A; WO2017194515A1; EP3118154A1

Designated contracting state (EPC)

BE DE FR IT NL

DOCDB simple family (publication)

**DE 4434174 A1 19960328**; DE 59503251 D1 19980924; EP 0705788 A2 19960410; EP 0705788 A3 19960612; EP 0705788 B1 19980819

DOCDB simple family (application)

**DE 4434174 A 19940924**; DE 59503251 T 19950919; EP 95114683 A 19950919