

Title (en)

FILLING SYSTEM FOR FILLING CONTAINERS IN A PRESSURIZED MANNER

Title (de)

FÜLLSYSTEM ZUM DRUCKFÜLLEN VON BEHÄLTERN

Title (fr)

SYSTÈME DE REMPLISSAGE POUR LE REMPLISSAGE SOUS PRESSION DE RÉCIPIENTS

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Application

EP 10787276 A 20101118

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Abstract (en)

[origin: WO2011095187A1] The invention relates to a filling system for filling bottles, cans, or similar containers (2) with a liquid filling good, comprising at least one filling element (1, 1a) having at least one dispensing opening (7) for introducing the filling good into the particular container (2) in a controlled manner, means (10) for retaining and pressing the particular container (2) having a container opening (2.1) in a sealing position against the filling element (1, 1a) in the area of the dispensing opening (7), at least one pneumatic device (15.1, 16.1, 19) for producing at least one component of the press-on force, which pneumatic device can be exposed to the pressure (P1) of a gaseous and/or vaporous operating medium. In order to change and/or set the press-on force, a second component of said force is produced by a further hydraulic or pneumatic device (15.2, 16.2, 20), which is exposed to a variable or settable pressure (P2, P3, P5) of a liquid and/or gaseous and/or vaporous auxiliary medium preferably different from the process medium or is exposed to a vacuum (VAK).

IPC 8 full level

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CPC (source: EP US)

B67C 3/004 (2013.01 - EP US); **B67C 3/242** (2013.01 - EP US)

Citation (search report)

See references of WO 2011095187A1

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