

Title (en)

DEVICE AND METHOD FOR INTRODUCING A GAS IN A CONTAINER TO BE FILLED

Title (de)

VORRICHTUNG UND VERFAHREN ZUM EINLEITEN EINES GASES IN EINEN ZU BEFÜLLENDE BEHÄLTER

Title (fr)

DISPOSITIF ET PROCEDE D'INTRODUCTION D'UN GAZ DANS UN RECIPIENT A REMPLIR

Publication

EP 3118154 B1 20180606 (DE)

Application

EP 16179440 A 20160714

Priority

DE 102015111374 A 20150714

Abstract (en)

[origin: CN106348233A] The present invention relates to a method and apparatus (1) for introducing a gas into a container (8) to be filled with a filling product, wherein the apparatus comprising a gas inlet (2) switchable via an input valve (20); the gas inlet (3) is used for passing the gas to the gas outlet (3) in the vessel (8) to be filled, wherein the gas inlet (2) is divided into a flushing line (20) between the inlet valve (20) and the gas outlet (3) a flushing pipe (4) and a pre-tensioning pipe (5) for flushing the container (8) and the pre-tensioning pipe for the pre-tensioning container (8), wherein the pre-tensioning pipe (5) is used for the automatic switching of the pre-tensioning pipe (5), the upstream pressure (p1) existing upstream of the back pressure valve (6) in the pre-tensioning pipe (5) of the downstream pressure (6). The back pressure valve (6) is automatically switched between the open position and the closed position.

IPC 8 full level

B67C 3/10 (2006.01)

CPC (source: CN EP)

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Cited by

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DOCDB simple family (publication)

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