

Title (en)

METHOD AND FILLING SYSTEM FOR FILLING CONTAINERS

Title (de)

VERFAHREN SOWIE FÜLLSYSTEM ZUM FÜLLEN VON BEHÄLTERN

Title (fr)

PROCÉDÉ ET SYSTÈME DE REMPLISSAGE DE RÉCIPIENTS

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Application

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Abstract (en)

[origin: WO2015121138A1] The invention relates to a method for filling containers (3) with a liquid filling material by using a filling system (2, 2a, 2b). Said filling system comprises a plurality of filling positions (1, 1a, 1b), which each have a filling element (8, 8a) having a liquid valve (12, 12a), and comprises a filling-material tank (4, 4a), which forms at least one filling-material chamber (4.2, 4a.1) for accommodating the filling material, wherein the filling material is fed from the filling-material tank to the particular container located in a sealed position at a filling position via the liquid valve in a controlled manner and a return gas displaced from the interior of the container by the filling material is led away via a return-gas path, and wherein after the end of the filling process and after the liquid valve has been closed, pressurized Trinox gas or inert gas is admitted into the head space of the container located in a sealed position at the filling position, which head space is not occupied by the filling material, and, in the process, excess filling material is displaced from the container together with Trinox gas via the return-gas path.

IPC 8 full level

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