

Title (en)

DEVICE AND METHOD FOR FILLING OR PACKING CONTENTS INTO CONTAINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ASEPTISCHEN ABFÜLLEN ODER ABPACKEN VON INHALTSSTOFFEN IN BEHÄLTER

Title (fr)

DISPOSITIF ET PROCEDE DE CONDITIONNEMENT DE PRODUITS DANS DES CONTENANTS

Publication

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Application

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Abstract (en)

[origin: WO2010145978A2] The invention relates to a device and a method for filling or packing contents, particularly beverages, food, medications, or the like, into containers. As the containers pass through the device from an inlet to an outlet side, the containers passing through the working chamber have a sterile fluid, particularly sterile air, applied thereto for preventing germ growth. In order to reduce the cleaning effort for lines for the sterile fluid, the invention proposes that a cleaning medium having an internal line is inserted into the line for applying the sterile fluid. The line no longer needs to be disassembled in order to load the sterile fluid. In order to distribute the sterile fluid uniformly throughout the containers in a working chamber, the sterile fluid is distributed in two stages, first by means of the pipe extending into the working chamber, as described above and then through a profile extending over the containers and below the pipe, having openings for passing the sterile fluid. The profiles can be disposed rotatably about an axis, in order to reduce the cleaning effort after filling.

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