

Title (en)

Method and apparatus for filling bottles or similar containers with a liquid product.

Title (de)

Verfahren zum Füllen von Flaschen oder dergleichen Behälter mit einem flüssigen Füllgut sowie Vorrichtung zum Durchführen dieses Verfahrens.

Title (fr)

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

Publication

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Application

EP 92117442 A 19921013

Priority

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- DE 4213737 A 19920425

Abstract (en)

[origin: EP0539791A1] In a method and/or an apparatus for filling bottles or similar containers, the containers are rinsed out and preloaded with an inert gas in a preloading phase which precedes the filling phase. The return gas from a return gas channel is used for rinsing and the at least partial preloading. In order to keep the return gas as germ-free as possible, the containers are treated with a sterilising agent in a pretreatment phase which precedes the preloading phase. Furthermore, air and/or sterilising medium which has been forced out in the sterilising phase and/or in the preloading phase is carried off into the atmosphere or into a channel separate from the return gas channel.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2994691A1; FR3010399A1; FR2992305A1; EP2679535A3; ITTO20120240A1; EP2641863A1; EP2716592A1; US9682850B2; WO2014029938A1

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