

Title (en)

Method for filling bottles or the like with a liquid

Title (de)

Verfahren zum Abfüllen eines flüssigen Füllgutes in Flaschen oder dgl. Behälter

Title (fr)

Procédé pour remplir des bouteilles ou analogues au moyen d'un liquide

Publication

EP 0697369 B1 19970305 (DE)

Application

EP 95112133 A 19950802

Priority

DE 4429594 A 19940820

Abstract (en)

[origin: EP0697369A1] The filling system uses a filling element (1) inserted in the filling opening of the container or bottle (7) with a fluid channel (10) controlled by a filling valve (16) and a gas flow path (13), for supplying an inert gas, e.g. carbon dioxide, for rinsing the evacuated container prior to each filling phase. The rinsing is effected in at least 2 rinsing cycles, via time-controlled supply of a defined quantity of the rinsing gas with evacuation of the container at the end of each cycle. The rinsing is controlled via an electronic control (36) and controlled valves (21,22) for the applied vacuum and the rinsing gas.

IPC 1-7

B67C 3/10

IPC 8 full level

B67C 3/10 (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)

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Cited by

EP1162167A1; EP3647257A1; EP3838837A1; ITPD20120028A1; EP2626328A1; US9878891B2; WO2020088918A1; WO2018206698A1; WO2024069214A1; EP3838837B1

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