

Title (en)

METHOD AND DEVICE FOR THE COUNTER-PRESSURE FILLING OF CONTAINERS OR THE LIKE, WITH CARBONATED LIQUIDS, ESPECIALLY BEVERAGES

Publication

EP 0291971 B1 19910403 (DE)

Application

EP 88108016 A 19880519

Priority

DE 3717256 A 19870522

Abstract (en)

[origin: EP0291971A2] In this method, the return gas to be carried away from the container to be filled in each case is carried away by differential pressure via a connection provided with a throttle device to a return- gas chamber, in which a pressure is set which can be adjusted within a pressure range lying between the filling pressure and the critical pressure of the throttle device. As a result, the flow rate with which the liquid to be filled flows into the container to be filled can be continuously matched to the filling properties of the liquid to be filled in each case and/or to the particular output requirement set for the filling device.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

EP0331137A1; EP0416473A1; CN105174166A; EP0582190A1; US5377726A; EP3118154A1; CN106348233A; WO2018166774A1; US10836621B2

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EP 0291971 A2 19881123; **EP 0291971 A3 19890614**; **EP 0291971 B1 19910403**; AT E62210 T1 19910415; BR 8802490 A 19881220; DE 3717256 A1 19881201; DE 3862237 D1 19910508; ES 2022527 B3 19911201; JP S6437397 A 19890208; KR 880013814 A 19881222; US 4949764 A 19900821; US 4976295 A 19901211

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