

Title (en)

Process and apparatus for filling bottles under sterile conditions

Title (de)

Verfahren und Vorrichtung zum hochreinen Abfüllen von Getränken in Flaschen

Title (fr)

Procédé et dispositif de remplissage de bouteilles sous conditions stériles

Publication

EP 0893397 B1 20021113 (DE)

Application

EP 98112286 A 19980702

Priority

DE 19731796 A 19970724

Abstract (en)

[origin: EP0893397A1] The interior of an immersion steriliser (2) is divided by at least one vertical partition into a dirty and clean side. A rotary filler (3) is directly connected to the clean side outlet of the steriliser. A closer (4) is directly connected to the rotary filler. The rotary filler and closer are contained in a sterilised compartment (1). The closer places closure elements onto the bottles (7) supplied through a disinfectant (6). At least one sterile-air generator (23) is outside the sterilised compartment and opens via pipes (24) into the sterilised compartment.

IPC 1-7

B67C 7/00

IPC 8 full level

B67C 3/00 (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)

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Cited by

CN104445018A; AU773303B2; WO2021069139A1; WO2011029609A3; WO0117891A1; WO0078664A1

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EP 98112286 A 19980702; AT 98112286 T 19980702; DE 19731796 A 19970724; DE 59806249 T 19980702; ES 98112286 T 19980702; JP 20985098 A 19980724; US 11685698 A 19980716