

Title (en)

DEVICES AND MACHINE FOR TREATING BOTTLES.

Title (de)

VORRICHTUNGEN UND MASCHINE ZUM BEHANDELN VON FLASCHEN.

Title (fr)

DISPOSITIFS ET MACHINE DE TRAITEMENT DE BOUTEILLES.

Publication

EP 0477341 B1 19941012

Application

EP 91908215 A 19910410

Priority

- FR 9004651 A 19900411
- FR 9100293 W 19910410

Abstract (en)

[origin: WO9115310A1] Bottles (2) to be treated before filling are gripped by a clamp (24), inverted by pivoting the clamp about an inversion axis (28) and then treated in the inverted position by injection from a nozzle (49). At the same time, the clamp and the bottle are rotated about the axis of a continuous rotary conveyor (13) which treats several bottles simultaneously. The clamp is articulated on the sides of an individual receptacle (29) which also rotates with the continuous conveyor (13) and which feeds into an annular collector (62). The nozzle (49) is located at the centre of a channel (61) through which the fluid injected into the bottle falls back into the receptacle (29). Used to improve the hygiene of a collecting circuit for removal or recycling the treatment fluid.

IPC 1-7

B08B 9/32

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

CN104148346A; FR2795350A1; AU775468B2; CN103658133A; US6945260B1; WO0100340A1

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