

Title (en)

Method and machine for rinsing or sterilizing bottles with movable nozzles penetrating into the bottles

Title (de)

Verfahren und Maschine zum Spülen oder Sterilisieren von Flaschen mit in die Flaschen eindringende bewegliche Düsen

Title (fr)

Procédé et machine pour rincer et stériliser des bouteilles avec des buses mobiles entrant dans les bouteilles

Publication

**EP 0894543 B1 20031001 (EN)**

Application

**EP 98830454 A 19980727**

Priority

IT PR970045 A 19970801

Abstract (en)

[origin: EP0894543A1] The invention falls within the sector of processes for rinsing or sterilization or blowing of bottles or containers in filling plants. The method involves striking with one or more jets of liquid or gas, which may also be different, both the bottom and the side walls of the bottles by means of inclination or rotation of the jets with respect to the axis of the bottles or by means of inclination of the bottles with respect to the jets. The machine of the carousel type with movable nozzles penetrating inside the bottles comprises a plurality of nozzles (4) which are positioned with their axes substantially horizontal radially on the carousel (2) and has means for causing rotation of the bottle (5), which is independent of the nozzle, and means for causing rotation and penetration of the nozzle into the respective bottle during simultaneous tilting of the bottle and the nozzle. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

ITTO20090837A1; FR2814095A1; FR2887525A1; JP4806018B2; CN109158395A; US7806680B2; WO2006136498A1; JP2008543619A; EP2307184B1

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