

Title (en)

Method and device for applying a liquid onto bottles.

Title (de)

Verfahren und Vorrichtung zum Auftragen einer Flüssigkeit auf Flaschen.

Title (fr)

Procédé et dispositif pour appliquer un liquide sur des bouteilles.

Publication

EP 0452943 B1 19940713 (DE)

Application

EP 91106257 A 19910418

Priority

DE 4012331 A 19900418

Abstract (en)

[origin: EP0452943A2] The invention relates to a method and a device for applying a liquid onto bottles, in which the bottles are conveyed with spacing over a part of the transport path in abutment against at least one application element and, during this process, receive liquid on at least part of their external surface while rotating. In order to permit the application of liquid with the smallest possible amounts of liquid yet in a uniform manner, the invention provides for the liquid to be applied to the application element by means of spray nozzles which move at a distance from the application element. <IMAGE>

IPC 1-7

B05C 1/02; B05C 13/02; B05C 11/10

IPC 8 full level

B65C 3/16 (2006.01); **B05C 1/02** (2006.01); **B05C 11/10** (2006.01); **B05C 13/02** (2006.01); **B65C 9/22** (2006.01)

CPC (source: EP)

B05C 1/027 (2013.01); **B05C 1/06** (2013.01); **B65C 9/2204** (2013.01); **B05C 1/022** (2013.01)

Cited by

EP1462376A3; DE4440393A1; DE4440393C3

Designated contracting state (EPC)

BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0452943 A2 19911023; EP 0452943 A3 19920102; EP 0452943 B1 19940713; CA 2040705 C 19950207; DE 4012331 A1 19911024; DE 4012331 C2 19940224; DE 59102146 D1 19940818; DK 0452943 T3 19940905; ES 2057648 T3 19941016; JP H04242532 A 19920831; JP H0771967 B2 19950802

DOCDB simple family (application)

EP 91106257 A 19910418; CA 2040705 A 19910417; DE 4012331 A 19900418; DE 59102146 T 19910418; DK 91106257 T 19910418; ES 91106257 T 19910418; JP 8691391 A 19910418