

Title (en)

Method and apparatus for placing capsules on bottle necks

Title (de)

Verfahren zum Ausstatten von Flaschen mit Kapseln sowie Vorrichtung zur Durchführung der Verfahren

Title (fr)

Procédé et appareils pour la mise en place de capsules de surbouchage sur des bouteilles

Publication

EP 1038827 B1 20021120 (DE)

Application

EP 00105179 A 20000311

Priority

DE 19912534 A 19990319

Abstract (en)

[origin: DE19912534C1] In the application of closure caps to bottles, each closure cap (8) is provided with a recess and/or incision. This enables the opening and/or decorative part of the bottle closure to be placed outside the closure cap material. A continuously running bottle transport belt (12) works in conjunction with an input worm shaft, which rotates synchronously with the closure cap machine and brakes incoming bottles (1), spacing them onto an input star formation (14). The input star formation rotates synchronously with the input worm shaft and a machine carousel. It takes over bottles from the worm shaft and feeds them via a guide piece (16) to the carousel. A closure cap magazine (18) accommodates interposed closure caps (8), which are transported to a cap separation device (20) and from there to an accommodation bowl (22). From the bowl, they are moved directly to the bottles. A cutting tool (27) in combination with an accommodation cone (23) produces the necessary incisions and/or recesses. The closure caps are then moved to a raised application head (25) which fits them on the bottles.

IPC 1-7

B67B 5/03

IPC 8 full level

B67B 5/03 (2006.01)

CPC (source: EP)

B67B 5/03 (2013.01)

Cited by

EP3699107A1; IT201900002655A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1038827 A1 20000927; **EP 1038827 B1 20021120**; AT E228098 T1 20021215; DE 19912534 C1 20000727; DE 50000777 D1 20030102; ES 2187405 T3 20030616

DOCDB simple family (application)

EP 00105179 A 20000311; AT 00105179 T 20000311; DE 19912534 A 19990319; DE 50000777 T 20000311; ES 00105179 T 20000311