

Title (en)

Method and device for closing bottles.

Title (de)

Verfahren und Vorrichtung zum Verschliessen von Flaschen.

Title (fr)

Procédé et dispositif de fermeture de bouteilles.

Publication

EP 0561299 B1 19950301 (DE)

Application

EP 93104065 A 19930312

Priority

DE 4208441 A 19920317

Abstract (en)

[origin: US5402623A] In a machine for closing a filled bottle wherein a bottle is removed from the filling valve of a filling device and closed in a closing device by placing and flanging a crown cap to the bottle's opening to permit a tight closing of the bottle in a simple way and within the shortest time possible, the crown cap which is kept ready in the closing device and a closing tool which is used for flanging the crown cap are positioned in a positioning phase between bottle's opening and the filling valve to immediately close the filled bottle, and the crown cap is then placed on the bottle opening without pressure being exerted on the top thereof, and the closing phase is then initiated.

IPC 1-7

B67C 7/00; **B67B 3/12**; **B67B 3/02**

IPC 8 full level

B65D 1/02 (2006.01); **B67B 3/02** (2006.01); **B67B 3/12** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP KR US)

B67B 3/00 (2013.01 - KR); **B67B 3/02** (2013.01 - EP US); **B67B 3/12** (2013.01 - EP US); **B67C 7/002** (2013.01 - EP US)

Cited by

EA014843B1; DE19728059A1; DE19728059C2; US8935905B2; EP0889002A1; WO9743188A1; WO2007138627A1; EP2150485B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 5402623 A 19950404; AT E119133 T1 19950315; BR 9301205 A 19930921; CA 2091720 A1 19930918; CN 1083446 A 19940309; DE 4208441 A1 19930923; DE 59300092 D1 19950406; EP 0561299 A1 19930922; EP 0561299 B1 19950301; ES 2070015 T3 19950516; JP H06100084 A 19940412; KR 930019547 A 19931018

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US 3136293 A 19930315; AT 93104065 T 19930312; BR 9301205 A 19930317; CA 2091720 A 19930316; CN 93104432 A 19930316; DE 4208441 A 19920317; DE 59300092 T 19930312; EP 93104065 A 19930312; ES 93104065 T 19930312; JP 5729093 A 19930317; KR 930004082 A 19930317