Title (en)

Beverage package

Title (de)

Getränkeverpackung

Title (fr)

Conditionnement pour boissons

Publication

EP 0835840 B1 20000126 (EN)

Application

EP 97118697 A 19950905

Priority

- EP 95306181 A 19950905
- GB 9418625 A 19940915

Abstract (en)

[origin: EP0701966A2] There is provided a bottle beverage packaging apparatus and method in which an open topped bottle 20 having a primary chamber charged with beverage 21 containing gas in solution is enclosed together with a closure 8 in a pressure chamber 25 which may be formed against a shoulder of the bottle. The chamber 25 is pressurised with nitrogen gas to pressurise the primary chamber and a secondary chamber 14 in the closure 8 through an aperture 15 of the chamber 14 prior to the closure 8 being displaced by a closure locator 5 to seal the open top of the bottle in the pressurised chamber 25. A projection 11A from the secondary chamber 14 extends into the beverage 20 to locate the aperture 15 beneath the surface thereof. Following sealing of the bottle the chamber 25 is de-pressurised and opened for removal of the sealed package. The chamber 25 may be formed by a tubular shroud 2 carried by a rotating carousel. The secondary chamber 14 may be formed in a hollow insert separate from the closure 8. There is also provided a beverage package in which the closure which may be fitted by the apparatus and system includes a manually openable vent that reduces a headspace pressure in the sealed package to atmospheric pressure for gas to be injected into the beverage through the aperture 15 for froth development prior to removal of the closure from the bottle. <IMAGE>

IPC 1-7

B67B 3/00; B67B 3/02; B65D 79/00

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0701966 A2 19960320; **EP 0701966 A3 19960925**; **EP 0701966 B1 19980715**; AU 3064195 A 19960328; AU 689619 B2 19980402; CA 2158308 A1 19960316; DE 69503446 D1 19980820; DE 69503446 T2 19990415; DE 69514842 D1 20000302; DE 69514842 T2 20000706; DK 0701966 T3 19990419; DK 0835840 T3 20000724; EP 0835840 A1 19980415; EP 0835840 B1 20000126; ES 2118506 T3 19980916; ES 2143828 T3 20000516; GB 2293166 A 19960320; GB 9418625 D0 19941102; HK 1008326 A1 19990507; NZ 272996 A 19970129

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