Title (en)

CLOSURE CAP WITH RETAINING STRIP

Title (de)

VERSCHLUSSKAPPE MIT FANGBAND

Title (fr)

BOUCHON DE FERMETURE A BANDE DE RETENUE

Publication

EP 0810952 B1 19981125 (DE)

Application

EP 96900823 A 19960201

Priority

- CH 9600040 W 19960201
- CH 50295 A 19950221

Abstract (en)

[origin: WO9626122A1] A captive closure cap is retained to the neck of a container by a retaining strip (5). A retaining ring (3) engages with a bead (4) around the opening of the container when the closure cap is set on the container. The cap wall (2) is firmly secured to said retaining ring (3) by the retaining strip (5). The retaining ring (3) forms at the same time a warranty seal for the closure cap. In the original state, the retaining strip (5) extends between the cap wall (2) and the retaining ring (3) around the circumference of the closure cap and is linked by breaking webs (14, 14a) both to the retaining ring and to the cap wall lower edge. In order to reduce the risk of said breaking webs (14, 14a) being destroyed while the closure cap is mounted and at the same time to ensure that the retaining ring (3) firmly retains a closure cap on the opening of the container, the retaining ring is provided with several latchets (8) that project radially inwards from its inner surface and that extend upwards against the cap bottom (1) when the closure cap is set on the container, engaging with the bead (4) around the container opening.

IPC 1-7

B65D 41/34

IPC 8 full level

B65D 41/34 (2006.01)

CPC (source: EP KR US)

B65D 41/34 (2013.01 - KR); **B65D 41/3428** (2013.01 - EP US); **B65D 55/16** (2013.01 - EP); B65D 2401/30 (2020.05 - EP US)

Citation (examination)

DE 2430775 A1 19750123 - SOMEPLA SA

Cited by

WO2021151709A1; DE102019009027A1; DE102019002719A1; WO2021136604A1; WO2020212037A1; US11964799B2; US11485550B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL

DOCDB simple family (publication)

WO 9626122 A1 19960829; AR 001541 A1 19971126; AT E173704 T1 19981215; AU 4479996 A 19960911; AU 701971 B2 19990211; BR 9607515 A 19971230; CA 2210633 A1 19960829; CN 1175930 A 19980311; CO 4480774 A1 19970709; DE 59600869 D1 19990107; EP 0810952 A1 19971210; EP 0810952 B1 19981125; ES 2124625 T3 19990201; HU P9702245 A2 19980330; HU P9702245 A3 20000628; IL 116937 A0 19960514; IL 116937 A 19981030; JP H11500091 A 19990106; KR 19980702295 A 19980715; KR 19987002295 A 19980715; MX 9706346 A 19971129; NZ 300142 A 19990225; PL 321942 A1 19980105; TR 199700740 T1 19980221; US 5725115 A 19980310; ZA 961311 B 19960906

DOCDB simple family (application)

CH 9600040 W 19960201; AR 33546496 A 19960220; AT 96900823 T 19960201; AU 4479996 A 19960201; BR 9607515 A 19960201; CA 2210633 A 19960201; CN 96192056 A 19960201; CO 96007868 A 19960220; DE 59600869 T 19960201; EP 96900823 A 19960201; ES 96900823 T 19960201; HU P9702245 A 19960201; IL 11693796 A 19960129; JP 52527096 A 19960201; KR 19970705692 A 19970818; KR 19977005692 A 19970818; MX 9706346 A 19960201; NZ 30014296 A 19960201; PL 32194296 A 19960201; TR 9700740 T 19960201; US 58235696 A 19960105; ZA 961311 A 19960209