Title (en)
SAFETY BOTTLE CAP

Title (de)
SICHERHEITSFLASCHENVERSCHLUSS

Title (fr)
CAPSULE DE PROTECTION POUR BOUTEILLE

Publication
EP 1574450 B1 20090701 (EN)

Application
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Abstract (en)
[origin: EP1574450A1] The invention relates to closing devices for low-viscous liquid containers preventing the refilling thereof during storage and transportation. The inventive engineering solution is aimed at the improvement of the reliability thereof by using an additional safety level. The inventive bottle top comprises a screw cap which is fixed to an external sleeve with the aid of thread. Said external sleeve is connected to an internal sleeve by means of ribs in such a way that through channels are formed. The bottle top also comprises an elastic element provided with through holes and protrusions which form an annular open-top cavity containing the low part of the internal sleeve, thereby forming a space between the bottom and protrusions of the elastic element. The bottle top is provided with a metal enclosure which is fixed to the screw cap which is embodied with a control-indicating collar. Said metal enclosure is embodied in the form of two adjacent parts whose edges are seamed, thereby forming the indicating collar in such away that one of the edges is released when the top is unscrewed.

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Cited by
CN102633043A; BG1202U1; EA012762B1; EP1927553A4; EP1950144A1; EA018520B1; EP2444334A1; US8439213B2; WO2009095851A1

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