

Title (en)
CLOSING DEVICE FOR A BOTTLE PROVIDED WITH A SLIDING PIPE

Title (de)
VERSCHLUSSVORRICHTUNG FÜR EINE FLASCHE MIT GLEITROHR

Title (fr)
DISPOSITIF A BOUCHER POUR BOUTEILLE A TUBULURE DEPLOYABLE

Publication
EP 1867576 A4 20111005 (EN)

Application
EP 05801635 A 20051110

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Abstract (en)
[origin: EP1867576A1] The invention relates to closures for bottle with expensive liquids having tamper-indicating means to prevent refilling and indicating first opening of the bottle. The bottle closure with a slide tube comprises: a decorative casing, a shutoff sleeve with splines on the interior surface, a threaded discharge sleeve and a cap installed therein with a tube for liquid pouring, and splines on its exterior surface. The decorative casing is made with a breakable upper piece weakened by vertical slots, and having strips on the side and end surfaces made at different spacing, wherein the last strip on the end surface in direction of rupture is strengthened, its length ratio to the weakened strip being at least 2.5, said decorative casing having at least two restrictive collars and slots on the interior surface thereby to engage with exterior ribs on the side surface of the discharge sleeve. According to the second embodiment, the interior surface of the decorative casing and the exterior surface of the discharge sleeve are threaded in unlike directions. The proposed invention allows for an additional level of tamper-evident means by providing rupture of the upper piece of the casing. This also contributes to reliability of operation at bottling owing to the absence of mechanical elements in the discharge sleeve able to provoke sticking or wedging.

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B65D 47/242 (2013.01); **B65D 49/02** (2013.01); **B65D 55/0863** (2013.01); **B65D 2401/35** (2020.05)

Citation (search report)
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• [A] WO 0007898 A1 20000217 - GUALA CLOSURES SPA [IT], et al
• [A] EP 0356758 A1 19900307 - CAPSULIT SRL [IT]
• See references of WO 2006114107A1

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