

Title (en)
CAPTIVE CLOSURE

Title (de)
UNVERLIERBARER VERSCHLUSS

Title (fr)
DISPOSITIF DE FERMETURE IMPERDABLE

Publication
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Application
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Abstract (en)
[origin: WO2020099199A1] The invention relates to a closure consisting of a screw cap (10) and a tamperproof strip (3). The screw cap (2) has at least one cylindrical cap casing (2) with an inner thread (17), and the lower edge of the cap casing (2) is connected to the circumferential tamperproof strip (3) along easily tearable weakness lines (13, 14) at the lower open end of the cap casing (2). The tamperproof strip (3) remains captively connected to the cap casing (2) after a tearing process by means of holding strips (15, 16). The aim of the invention is to improve a closure of the aforementioned type such that the screw cap can be reliably moved away from the opening region of a corresponding container neck without the risk of the screw cap reaching across the cross-section of the container opening or at least into the proximity of the container opening, where the screw cap would interfere while pouring or drinking directly from the container for example, when the container is tilted. According to the invention, this is achieved in that the holding strips (15, 16) are formed by two separate weakness lines (13, 14), each of which is interrupted at least once in the circumferential direction and which overlap in the circumferential direction and run at an axial distance to each other at least in the overlap region. The interruption sections (11, 12) of the two weakness lines (13, 14) are bridged by the respective other weakness line (14, 13) preferably at an axial distance, and at least two overlap regions on both sides of the interruption section of the upper weakness line extend over a respective circumferential angle of the tamperproof strip of at least 60° and less than 160°.

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Citation (opposition)
Opponent : AB Tetra Pak

- CN 102700822 A 20121003 - HONGBIAO LI
- US 2011174760 A1 20110721 - LUZZATO MICHEL [FR], et al
- US 2012298666 A1 20121129 - KWON SI JOONG [KR]
- US 5360126 A 19941101 - SNYDER WILLIAM J [US], et al
- US 2012285921 A1 20121115 - KWON SI-JOONG [KR]

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