

Title (en)

CAPTIVE CLOSURE WITH STABILIZED OPENING ANGLE

Title (de)

UNVERLIERBARER VERSCHLUSS MIT STABILISIERTEM ÖFFNUNGSWINKEL

Title (fr)

DISPOSITIF DE FERMETURE IMPERDABLE PRÉSENTANT UN ANGLE D'OUVERTURE STABILISÉ

Publication

EP 3880574 C0 20240710 (DE)

Application

EP 19802116 A 20191106

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- EP 2019080338 W 20191106

Abstract (en)

[origin: WO2020099200A1] The invention relates to a closure consisting of a screw cap (10) with a tamperproof strip (3). The screw cap has at least one cylindrical cap casing (2) with an inner thread and a circumferential tamperproof strip at the lower open end of the cap casing, said tamperproof strip being connected to the lower edge of the cap casing along easily tearable weakness lines (13, 14), wherein the tamperproof strip remains captively connected to the cap casing after a tearing process along the weakness lines by means of holding strips (15, 16). The aim of the invention is to design a captive screw cap with a tamperproof strip in such a manner that after the screw cap has been unscrewed and released from the bottleneck opening, the screw cap is folded away or tilted into a position in which the screw cap does not interfere with the additional use of the bottle or with pouring or drinking out of the bottle and can remain there without additional measures. According to the invention, this is achieved in that the holding strips are formed by two weakness lines, each of which is interrupted at least once in the circumferential direction and which partly overlap in the circumferential direction and run at an axial distance to each other at least in the overlap region. The separating web (11, 12) of each of the two weakness lines is bridged by the respective other weakness line preferably at an axial distance.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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