

Title (en)
FLUID CONTAINER CLOSURE SYSTEM

Title (de)
VERSCHLUSSSYSTEM FÜR FLÜSSIGKEITSBEHÄLTER

Title (fr)
SYSTÈME DE FERMETURE DE RÉCIPIENT DE FLUIDE

Publication
EP 3826934 A1 20210602 (EN)

Application
EP 19745609 A 20190726

Priority
• CH 9282018 A 20180726
• EP 2019070242 W 20190726

Abstract (en)
[origin: WO2020021094A1] A fluid container closure system is proposed, comprising a fluid container which comprises a fluid outlet, a neck finish adjacent to the fluid outlet, wherein the neck finish includes a retaining rim arranged a distance apart from the fluid outlet, protruding in a radial outward direction encircling the neck finish in a circumferential direction. The fluid container closure system further comprises a screw cap (300) for sealing the fluid outlet, the screw cap comprising a base (301) including a top deck (302) and a skirt (303) extending downward therefrom. Further, the screw cap comprises a tamper evident band (320) comprising a base with a lateral inner surface (321). The screw cap further comprises a predetermined breaking structure (309) along which the skirt and the tamper evident band are interconnected. The tamper evident band comprises a lip (322) extending at least in part circumferentially along the inner lateral surface of the tamper evident band's base and projects inwardly therefrom, wherein the lip comprises a hinge section (324) and a retaining surface (325), and wherein the lip is configured in such a way that, when the screw cap is initially applied to the fluid container, the lip is folded upward about the hinge section such that the retaining surface in an applied position of the screw cap is positioned underneath the retaining rim.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2020021094A1

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