

Title (en)

CLOSURE WITH MEMBRANE AND ROTATABLE PROTECTIVE CAP

Title (de)

VERSCHLUSS MIT MEMBRAN UND DREHBARER SCHUTZKAPPE

Title (fr)

FERMETURE À MEMBRANE ET CAPUCHON DE PROTECTION ROTATIF

Publication

EP 2160337 A1 20100310 (DE)

Application

EP 08758932 A 20080602

Priority

- EP 2008004363 W 20080602
- DE 102007030352 A 20070629
- DE 102007058349 A 20071203

Abstract (en)

[origin: US10160576B2] A closure (2) for closing an opening of a container (1) for storing and removing sterile or moisture-sensitive media has a closure cap (3), which can be connected to the container in a fluid-tight manner, and a piercable, self-closing septum (20), which closes at least one removal opening (7) in the closure cap (3) in a fluid-tight manner, wherein the closure (2) has a rotatably mounted protective cap (4) with a cutout (5). The cutout (5) is arranged off-centre in the protective cap (4) and the closure cap (3) has off centre a closure region (9) which is not impinged by the at least one removal opening (7) and is larger than the cutout (5) in the protective cap (4). The closure (2) has a latching mechanism, which is suitable for arranging the protective cap (4) in relation to the closure cap (3) in such a way that the cutout (5) in the protective cap (4) is aligned either in line with the or a removal opening (7) in the closure cap (3) or at a distance from the removal opening or openings (7). The closure (2) has at least one tamper-proof means of protection.

IPC 8 full level

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CPC (source: EP KR US)

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B65D 2401/15 (2020.05 - EP KR US)

Cited by

CN103057830A; US10195112B2; DE102021106715A1; WO2022194500A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 10160576 B2 20181225; US 2010176080 A1 20100715; AT E526249 T1 20111015; AU 2008271686 A1 20090108;
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CN 101687581 B 20120222; DE 102007058349 A1 20090102; EP 2160337 A1 20100310; EP 2160337 B1 20110928; ES 2373868 T3 20120209;
JP 2010531781 A 20100930; JP 5319669 B2 20131016; KR 101603348 B1 20160314; KR 20100040887 A 20100421;
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JP 2010513697 A 20080602; KR 20107001876 A 20080602; KR 20157005258 A 20080602; NZ 58288008 A 20080602