

Title (en)

Fillercap for a reservoir neck.

Title (de)

Verschlussdeckel für einen Behälterstutzen.

Title (fr)

Bouchon pour un goulot de réservoir.

Publication

EP 0388765 B1 19940119 (DE)

Application

EP 90104760 A 19900313

Priority

DE 8903708 U 19890323

Abstract (en)

[origin: EP0388765A1] The closure lid for a container neck, in particular a cooler lid, comprises a lid cap (10) and a pot-shaped inside part (12) of the lid, connected to said lid cap, having an annular flange (16), which is directed radially outwards and bears an annular seal (18) intended for resting on the neck edge, and having an overpressure/negative pressure valve comprising an annular sealing membrane (44) which rests with its inside surface facing the interior of the container on an annular sealing surface (46) of the inside part (12) of the lid and on a closure part (54) which has a smaller diameter in relation to said sealing surface, covers the central opening (52) of the sealing membrane (44), is tensioned against the inner surface of the sealing membrane (44) by a negative pressure spring (56) supported on the bottom (58) of the inside part (12) of the lid, and on whose outwardly facing surface a support disc (42) rests under the pressure of an overpressure spring (34). In the closure lid, the prestress of the overpressure spring (34) is adjustable. <IMAGE>

IPC 1-7

B65D 51/00; **F01P 11/02**

IPC 8 full level

B65D 51/00 (2006.01); **B65D 51/16** (2006.01); **F01P 7/14** (2006.01); **F01P 11/02** (2006.01); **F16K 17/196** (2006.01)

CPC (source: EP US)

F01P 11/0238 (2013.01 - EP US); **Y10S 220/32** (2013.01 - EP US)

Cited by

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DE ES FR GB IT

DOCDB simple family (publication)

EP 0388765 A1 19900926; **EP 0388765 B1 19940119**; DD 297797 A5 19920123; DE 59004272 D1 19940303; DE 8903708 U1 19900726; ES 2050291 T3 19940516; JP H0356258 A 19910311; US 5036888 A 19910806

DOCDB simple family (application)

EP 90104760 A 19900313; DD 33898290 A 19900322; DE 59004272 T 19900313; DE 8903708 U 19890323; ES 90104760 T 19900313; JP 7532290 A 19900323; US 49476690 A 19900316