

Title (en)
CLOSURE WITH OVERPRESSURE SAFETY.

Title (de)
VERSCHLUSS MIT ÜBERDRUCKSICHERUNG.

Title (fr)
FERMETURE PROTEGEE CONTRE LA SURPRESSION.

Publication
EP 0581804 B1 19940921

Application
EP 92908785 A 19920418

Priority
• DE 4113428 A 19910425
• EP 9200866 W 19920418

Abstract (en)
[origin: WO9219510A1] A closure for containers has a closure top (3) which closes the mouth of the container and merges into a casing (5). The casing has a locking device, such as a screw thread, which co-operates with the outer wall of the container. The closure is characterized by a pressure-relief valve (3; 15; 5) which can be actuated by an dilatation section (15) in the casing (5) of the closure (1). Excess pressure in the container causes the dilation section to expand, whereupon the closure top (3) rises from the mouth region of the container and the excess pressure is relieved by blow-off. The excess pressure required to release the pressure-relief valve can be influenced by the shape given to the dilatation section. The dilatation section is preferably reversibly deformable, and therefore the container is tightly sealed again after the blow-off from the mouth of the container.

IPC 1-7
B65D 79/00

IPC 8 full level
B65D 51/16 (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)
B65D 51/1638 (2013.01 - EP); **B65D 79/0087** (2020.05 - EP US)

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
WO 9219510 A1 19921112; AT E111854 T1 19941015; AU 1579392 A 19921221; DE 4113428 A1 19921029; DE 4113428 C2 19940105; DE 4113428 C3 19990805; DE 59200545 D1 19941027; EP 0581804 A1 19940209; EP 0581804 B1 19940921; EP 0581804 B2 19970122

DOCDB simple family (application)
EP 9200866 W 19920418; AT 92908785 T 19920418; AU 1579392 A 19920418; DE 4113428 A 19910425; DE 59200545 T 19920418; EP 92908785 A 19920418