

Title (en)

SELF-CLOSING SEAL WITH A SEALING MEMBRANE

Title (de)

SELBSTSCHLIESSENDER VERSCHLUSS MIT VERSCHLUSSMEMBRAN

Title (fr)

OBTURATEUR SE FERMANT DE LUI-MEME POURVU D'UNE MEMBRANE D'OBTURATION

Publication

EP 0850177 B1 20000412 (DE)

Application

EP 96931773 A 19960905

Priority

- DE 19532699 A 19950905
- DE 19545204 A 19951205
- DE 19613130 A 19960402
- EP 9603906 W 19960905

Abstract (en)

[origin: US6095381A] PCT No. PCT/EP96/03906 Sec. 371 Date Apr. 16, 1998 Sec. 102(e) Date Apr. 16, 1998 PCT Filed Sep. 5, 1996 PCT Pub. No. WO97/09245 PCT Pub. Date Mar. 13, 1997The invention relates to a self-closing closure with a closure cap (1), with a through-passage opening (8) formed in the closure cap (1), and with a closure membrane (2), assigned to the through-passage opening (8), the closure membrane (2) having a bottom retaining border (3) and a top, essentially concave closure head (5), the closure head (5) and the retaining border (3), furthermore, being connected by a connecting wall (4), and, for the purpose of achieving a solution which is favorable in terms of both usage and production, proposes that a widened region (9) adjoins the through-passage opening (8) towards the outside, that the closure head (5) is arranged in the widened region (9), and that the connecting wall (4) extends into the widened region (9), passing through the through-passage opening in the process.

IPC 1-7

B65D 47/20

IPC 8 full level

B65D 47/20 (2006.01)

CPC (source: EP US)

B65D 47/2031 (2013.01 - EP US)

Cited by

WO2015139147A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6095381 A 20000801; AT E191695 T1 20000415; AU 7084296 A 19970327; BR 9610107 A 19990223; CA 2230809 A1 19970313; CA 2230809 C 20091222; CN 1079355 C 20020220; CN 1195329 A 19981007; EP 0850177 A1 19980701; EP 0850177 B1 20000412; ES 2145484 T3 20000701; MX 9801783 A 19981031; WO 9709245 A1 19970313

DOCDB simple family (application)

US 2943098 A 19980416; AT 96931773 T 19960905; AU 7084296 A 19960905; BR 9610107 A 19960905; CA 2230809 A 19960905; CN 96196766 A 19960905; EP 9603906 W 19960905; EP 96931773 A 19960905; ES 96931773 T 19960905; MX 9801783 A 19980305