

Title (en)

Sealing valve device particularly for vacuum containers.

Title (de)

Ventildichtungsvorrichtung, insbesondere für Vakuum-Behälter.

Title (fr)

Dispositif d'étanchéité en forme de soupape notamment pour récipients à vide.

Publication

EP 0524551 A1 19930127 (EN)

Application

EP 92112195 A 19920717

Priority

IT MI910662 U 19910719

Abstract (en)

The valve device, used for maintaining and breaking the vacuum in compartments or other containers, is provided with a valve body (1) comprising a first annular projection (5) surrounding the end part (6) of the sealing member (2) and directed towards the compartment, a cylindrical portion (8) for guiding the sealing member (2), a second annular projection (9) acting as a sealing seat (10), a third annular projection (11) for protecting the sealing member (2) and provided with a shaped region (13) which facilitates the opening of the valve device and hence the breaking of the vacuum, the sealing member (2) being in one piece and elastically deformable and being provided with an appendix (6) for retaining said sealing member (2) in situ in the valve body (1) by snap-engagement. <IMAGE>

IPC 1-7

B65D 81/20

IPC 8 full level

B65D 81/20 (2006.01)

CPC (source: EP)

B65D 81/2038 (2013.01)

Citation (search report)

- [A] US 4249583 A 19810210 - LUNDBLADH TAGE S [SE]
- [A] US 4984611 A 19910115 - TAKATSUKI TOYOHICO [JP], et al

Cited by

EP0644128A1; EP1993926A4; US5499735A; US5702018A; US5347918A; US7621416B2; WO2007106676A2; WO2008131583A1; WO2005063595A1; WO0045688A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0524551 A1 19930127; EP 0524551 B1 19950308; DE 69201610 D1 19950413; DE 69201610 T2 19950928; ES 2072665 T3 19950716; IT 222704 Z2 19950424; IT MI910662 U1 19930119; IT MI910662 V0 19910719

DOCDB simple family (application)

EP 92112195 A 19920717; DE 69201610 T 19920717; ES 92112195 T 19920717; IT MI910662 U 19910719