

Title (en)  
CONTAINER WITH PRESSURE COMPENSATION HOLES

Title (de)  
BEHÄLTER MIT DRUCKAUSGLEICHSÖFFNUNGEN

Title (fr)  
RECIPIENT POURVU D'OUVERTURES D'EQUILIBRAGE DE LA PRESSION

Publication  
**EP 0912420 B1 20031217 (DE)**

Application  
**EP 97931672 A 19970627**

Priority

- DE 9701348 W 19970627
- DE 19626968 A 19960704

Abstract (en)  
[origin: US6109468A] PCT No. PCT/DE97/01348 Sec. 371 Date Dec. 30, 1998 Sec. 102(e) Date Dec. 30, 1998 PCT Filed Jun. 27, 1997 PCT Pub. No. WO98/01366 PCT Pub. Date Jan. 15, 1998The receptacle is produced in a coextrusion-type blow molding process and consists of a stiff outer receptacle and an easily deformable inner bag which are made from respectively different thermoplastic materials that do not form a welded joint with one another. The bottom weld seam of the inner bag is clamped in a closed bottom web of the outer receptacle. The pressure compensating openings are offset by about 90 DEG with respect to the plane passing through the bottom weld seam and the longitudinal center axis of the receptacle, whereby the inner bag is only contracted at two sides when the receptacle contents is discharged. The negative pressure prevailing inside the inner bag is thereby reduced.

IPC 1-7  
**B65D 83/00**

IPC 8 full level  
**B65D 1/02** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)  
**B65D 1/0215** (2013.01 - EP US); **B65D 83/0055** (2013.01 - EP US); **Y10S 215/902** (2013.01 - EP US)

Cited by  
DE102010024980A1; DE102010024980B4; DE202021103382U1; WO2012000491A2; DE102017004657A1; US10364087B2;  
DE102017004657B4; EP4108415A1; DE102021116277A1; US11975473B2; DE102021116277B4

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 6109468 A 20000829**; AT E256614 T1 20040115; AU 3537097 A 19980202; AU 717167 B2 20000316; CA 2258853 A1 19980115;  
DE 19626968 A1 19980115; DE 29780382 U1 19981008; DE 59711141 D1 20040129; DK 0912420 T3 20040405; EP 0912420 A1 19990506;  
EP 0912420 B1 20031217; ES 2213218 T3 20040816; JP 2000513683 A 20001017; JP 3935213 B2 20070620; PT 912420 E 20040531;  
WO 9801366 A1 19980115

DOCDB simple family (application)  
**US 20291698 A 19981230**; AT 97931672 T 19970627; AU 3537097 A 19970627; CA 2258853 A 19970627; DE 19626968 A 19960704;  
DE 29780382 U 19970627; DE 59711141 T 19970627; DE 9701348 W 19970627; DK 97931672 T 19970627; EP 97931672 A 19970627;  
ES 97931672 T 19970627; JP 50464798 A 19970627; PT 97931672 T 19970627