

Title (en)

Valve bag with venting devices

Title (de)

Ventilsack mit Entlüftungsvorrichtungen

Title (fr)

Sac d'aération doté de dispositifs d'aération

Publication

**EP 2684813 B1 20180509 (DE)**

Application

**EP 13187963 A 20131009**

Priority

DE 202013102644 U 20130619

Abstract (en)

[origin: EP2684813A2] The valve bag (1) has a filler device (6) and two ventilation devices (5). The filler device surface that facing to exterior of bag portion, is positively connected to ventilation device surface that facing interior. The portion of surface of ventilation device is formed as inner bottom surface of bag portion. One ventilation device is formed in form of ventilation chamber along bottom portion and is closed on side of filler device. Another ventilation device is arranged between bottom impact plate and two tabs (11,12) on side wall (2) of bag portion.

IPC 8 full level

**B65D 30/24** (2006.01)

CPC (source: EP)

**B65D 31/142** (2013.01); **B65D 33/01** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 202013102644 U1 20130724**; DE 202013104610 U1 20131206; EP 2684813 A2 20140115; EP 2684813 A3 20150729; EP 2684813 B1 20180509; EP 2684814 A2 20140115; EP 2684814 A3 20150729; EP 2684814 B1 20190501; PL 2684813 T3 20181130; PL 2684814 T3 20191231

DOCDB simple family (application)

**DE 202013102644 U 20130619**; DE 202013104610 U 20131011; EP 13187963 A 20131009; EP 13188353 A 20131011; PL 13187963 T 20131009; PL 13188353 T 20131011