

Title (en)
Ventable cross-bottom valve-bag

Title (de)
Entlüftbarer Kreuzboden-Ventilsack

Title (fr)
Sac à valve à fond croisé ventilé

Publication
EP 0767105 B1 19990414 (DE)

Application
EP 96115638 A 19960930

Priority
DE 19536740 A 19951002

Abstract (en)
[origin: EP0767105A1] The two ends of the tube are folded to form a cross-bottomed base (11) for the sack (10). The short narrow sides (16,17) of the cross-bottomed base are formed by two corner tucks folded towards each other. A valve reinforcement sheet is positioned near the corner tuck forming a filler valve (13). The two long sides (18,19) of the cross-bottom are produced by two side flaps folded over the rectangular, air-permeable filter sheet integrated into the cross bottom. The two narrow ends of the filter sheet only are stuck down. The intermediate lengthwise edge parts of the filter sheet are stapled down. a cover sheet has gaps in and is stuck along the edges. Air outlets are formed at the gaps. An air chamber for the outwardly expelled air during filling of the sack is positioned between the central area of the cover sheet and the filter sheet.

IPC 1-7
B65D 33/01; **B65D 30/24**

IPC 8 full level
B65D 30/24 (2006.01); **B65D 33/01** (2006.01)

CPC (source: EP)
B65D 31/142 (2013.01); **B65D 33/01** (2013.01)

Cited by
DE202017001357U1; EP0982238A1; EP1914173A1; US6986605B1; US6199602B1; US9205957B2; WO2010116198A1; WO2012025413A3; WO2018166833A1; WO2011051739A1; WO2019232603A1; WO0154995A1; DE202013102644U1; EP2684813A2; DE202010000042U1; EP2345595A1

Designated contracting state (EPC)
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