

Title (en)
Multi-layered valve bag.

Title (de)
Mehrlagiger Ventilsack.

Title (fr)
Sac à valve à couches multiples.

Publication
EP 0525337 B1 19951108 (DE)

Application
EP 92109513 A 19920605

Priority
DE 9109467 U 19910731

Abstract (en)
[origin: EP0525337A1] In a valve bag whose two ends are closed in each case by a bottom (17, 18) shaped in a cross or the like, which comprise folded-in corners (19, 20) and folded-over bottom sides (21, 22) located opposite one another in pairs in each case, are folded inwards whilst carrying along at the end in each case a side tip (13) of the triangle of the adjacent folded-in corner (19, 20) and are bonded to one another and to the folded-in corners (19, 20), each side tip (13) of the triangle is provided with a material cutout (12) which starts from the inner cut edge (11) of the folded-in corner (19, 20) and exposes an adjacent region of the inside of the associated folded-over bottom side (21, 22), the exposed inside region being bonded to the outside of the folded-in corner (19, 20) in the region between the fold lines (7) of the bottom sides. <IMAGE>

IPC 1-7
B65D 30/12; **B65D 30/26**

IPC 8 full level
B65D 30/12 (2006.01); **B65D 30/18** (2006.01); **B65D 30/24** (2006.01); **B65D 30/26** (2006.01)

CPC (source: EP)
B65D 31/08 (2013.01); **B65D 31/142** (2013.01)

Cited by
US6533457B1

Designated contracting state (EPC)
AT BE DE ES FR LU NL

DOCDB simple family (publication)
EP 0525337 A1 19930203; **EP 0525337 B1 19951108**; AT E129975 T1 19951115; DE 59204238 D1 19951214; DE 9109467 U1 19910919; ES 2080374 T3 19960201

DOCDB simple family (application)
EP 92109513 A 19920605; AT 92109513 T 19920605; DE 59204238 T 19920605; DE 9109467 U 19910731; ES 92109513 T 19920605