

Title (en)
CROSS OR BLOCK BOTTOM VALVE BAG

Publication
EP 0264519 B1 19910515 (DE)

Application
EP 87100088 A 19870107

Priority
DE 8628387 U 19861024

Abstract (en)
[origin: US4759640A] A bag of foldable material has an end closure closing off one end of the bag and a filling valve tube device extends into the end closure at a corner of the bag, the filling valve tube device has an inner end disposed within the interior of the bag and has an inner layer which is convertible from a normally inactive adhesive state to a state capable of sealing off the filling valve tube device. A shut-off lip device of flexible material is disposed within the end closure and projects into the interior of the bag beyond the interior end of the filling valve tube device, the shut-off lip device being constructed to be responsive to the pressure of the filling material introduced into the interior of the bag to close off the interior opening of the filling valve tube device.

IPC 1-7
B65D 30/24

IPC 8 full level
B65D 30/24 (2006.01)

CPC (source: EP US)
B65D 31/142 (2013.01 - EP US)

Cited by
WO9841454A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4759640 A 19880726; AT E63518 T1 19910615; CA 1264463 A 19900116; DE 3770111 D1 19910620; DE 8628387 U1 19861204; EP 0264519 A2 19880427; EP 0264519 A3 19890315; EP 0264519 B1 19910515; ES 2022816 B3 19911216

DOCDB simple family (application)
US 1604387 A 19870218; AT 87100088 T 19870107; CA 530130 A 19870219; DE 3770111 T 19870107; DE 8628387 U 19861024; EP 87100088 A 19870107; ES 87100088 T 19870107