

Title (en)  
Valve bag with venting means.

Title (de)  
Ventilsack mit Ventilvorrichtung.

Title (fr)  
Sac à valve à soupape.

Publication  
**EP 0291128 A1 19881117 (EN)**

Application  
**EP 88200922 A 19880510**

Priority  
• NL 8701114 A 19870511  
• NL 8701115 A 19870511  
• NL 8702658 A 19871106

Abstract (en)  
A valve bag made of plastic film is provided with a tubular filling valve (2) which comprises an air-permeable and dust-filtering section (13) which extends essentially over the length of the section of the filling valve (2) extending within the bag(1). The filling valve is provided at the end located inside the bag with a constriction which can embrace a filling spout inserted in the filling valve. Thus, the filling valve can be pulled tight so that during filling of the bag an optimal venting of the bag is ensured. The air-permeable and dust-filtering material (13) consists of a nonwoven, particularly a spunbonded nonwoven. The nonwoven may be mounted on a relatively stiff carrier film to facilitate mechanical processing of the nonwoven. A filling spout for filling a valve bag according to the invention is provided with means for keeping the filling valve at distance from the wall of the filling spout.

IPC 1-7  
**B65D 30/24**

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

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

Citation (search report)  
• [Y] EP 0010563 A1 19800514 - KRAFT PAK AB [SE]  
• [Y] FR 660227 A 19290709 - BATES VALVE BAG CORP  
• [A] US 3261267 A 19660719 - BECKER ARNOLD F  
• [A] DE 1260958 B 19680208 - WINDMOELLER & HOELSCHER  
• [A] DE 2132668 A1 19730118 - LISSNER GMBH  
• [A] EP 0060599 A1 19820922 - WAVIN BV [NL]  
• [A] DE 1806333 A1 19700514 - SACHSER PAPIERVERARB  
• [A] RESEARCH DISCLOSURE, no. 195, July 1980, page 269, disclosure no. 19518, Havant, Hampshire, GB; E.I. DU PONT DE NEMOURS: "Venting device for impervious bags"  
• [A] RESEARCH DISCLOSURE, no. 161, September 1977, page 105, disclosure no. 16174; "Wettable Tyvek"  
• [A] MELLIAND TEXTILBERICHTE, vol. 54, June 1973, pages 605-607, Melliand Textilberichte K.G., Heidelberg, DE; L. HARTMANN: "Spinnvliesetechnik und industrielle Anwendungen von Spinnvliesen"

Cited by  
EP2345595A1; DE102010039770A1; EP0498047A1; WO2010116198A1; DE202013102644U1; EP2684813A2

Designated contracting state (EPC)  
ES GR

DOCDB simple family (publication)  
**EP 0291128 A1 19881117**; AU 1718188 A 19881206; EP 0367769 A1 19900516; WO 8808816 A1 19881117

DOCDB simple family (application)  
**EP 88200922 A 19880510**; AU 1718188 A 19880510; EP 88904275 A 19880510; NL 8800021 W 19880510