

Title (en)
Cartridge for polyurethane sealing materials.

Title (de)
Kartusche für Dichtmasse aus Polyurethan.

Title (fr)
Cartouche pour matière d'étanchéité en polyuréthane.

Publication
EP 0413049 A1 19910220 (EN)

Application
EP 89115245 A 19890818

Priority
EP 89115245 A 19890818

Abstract (en)
The invention relates to a cartridge of a non-metallic material, particularly of plastics material, or cardboard, for packaging polyurethane sealing materials. The cartridge (1) consists of a cylindrical tubular body (11) with the rear end side and the fore end side thereof being respectively closed by a piston (3) of plastics material, and by a cover (101) integrally formed with the cylindrical tubular body (11) of cartridge (1). The said piston (3) has at least its active surface covered with a film (103) of polythene-covered aluminum, and the said cover (101) is centrally provided with a spigot-like member (201). A thin diaphragm (301) applied to the inner face of cover (101) should be broken open by piston (3), to allow the polyurethane sealing material to be dispensed from the spigot-like member (201). The inner sidewall and the fore end side of the cylindrical tubular body (11) of cartridge (1) for holding polyurethane sealing materials, are lined with a tubular lining (5) of aluminum, preferably polythene-covered aluminum, and with a discoid lining (4) formed from a punched sheet of polythene-covered aluminum. The said discoid lining (4) is inserted into the cartridge body (11), and by its upturned border (104) is bonded by a welding operation, or by means of suitable glues or adhesives, to the tubular lining (5).

IPC 1-7
B65D 25/14; **B65D 83/00**

IPC 8 full level
B65D 25/14 (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP)
B65D 25/14 (2013.01); **B65D 83/0005** (2013.01)

Citation (search report)

- [X] FR 904628 A 19451112
- [A] EP 0316102 A2 19890517 - DOW CORNING [US]
- [A] CH 670233 A5 19890531 - SANDHERR PACKUNGEN AG
- [A] GB 1538442 A 19790117 - EGREMONT TUBES LTD
- [A] US 4027810 A 19770607 - VANMANEN DICK T
- [A] US 1341403 A 19200525 - WILKINSON ARTHUR W

Cited by
US5732848A; GB2308302B; FR2713299A1; DE29602882U1; DE102005060259A1; EP1488758A1; GB2350394A; GB2350394B; EP0715912A1; US6613865B1; US6419046B1; US9005178B2; NL2001484C2; US2014117046A1; KR20140079409A; JP2015501263A; US10105731B2; WO2009128718A1; WO9411271A1; WO9840281A1; WO2013169090A1; JP2005007179A

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

DOCDB simple family (publication)
EP 0413049 A1 19910220

DOCDB simple family (application)
EP 89115245 A 19890818