

Title (en)

BAG INTENDED FOR THE TRANSPORT AND HANDLING OF LIQUID OR QUASI-LIQUID SUBSTANCES COMPRISING A DRAIN VALVE AND A PROTECTIVE DEVICE FOR SAID DRAIN VALVE

Title (de)

BEUTEL FÜR DEN TRANSPORT UND DIE HANDHABUNG VON FLÜSSIGEN ODER QUASIFLÜSSIGEN STOFFEN AUFWEISEND EIN ABLASSVENTIL UND EINE SCHUTZVORRICHTUNG FÜR DAS ABLASSVENTIL

Title (fr)

SAC DESTINE AU TRANSPORT ET A LA MANIPULATION DE SUBSTANCES LIQUIDES OU QUASI-LIQUIDES COMPORTANT UNE VALVE DE VIDANGE ET UN DISPOSITIF DE PROTECTION DE LADITE VALVE DE VIDANGE

Publication

EP 2445814 B1 20150826 (FR)

Application

EP 10731593 A 20100618

Priority

- IB 2010052764 W 20100618
- CH 9672009 A 20090622

Abstract (en)

[origin: WO2010150160A1] The invention relates to a protective device (10) for a drainage valve (27) fitted to bags or "bags in boxes" intended for the transport and handling of liquid or quasi-liquid substances, said device (10) being formed by a sheet (1) of flexible material folded in on itself, two parallel side edges of said sheet being fixed to one another over at least a part of their length so as to form an approximately rectangular envelope which is open on one of its sides, called the insertion side, into which a reinforcing panel (30) located on the side of the bag and provided with the drainage valve (27) is inserted, said panel (30) having a thickness e1 and being provided with a hole (T) for said drainage valve (27) to pass through. The envelope has at least one opening (4) on its front and/or rear side for the drainage valve (27) to pass through, and at least one closed compartment (5A, 5B, 5C) containing flexible material, said compartment causing an overthickness e2 at the surface of the envelope, such that the sum of e1 and e2 is approximately equal to or greater than the height H of the drainage valve (27).

IPC 8 full level

B65D 88/16 (2006.01)

CPC (source: EP US)

B65D 88/1618 (2013.01 - EP US); **B65D 88/1625** (2013.01 - EP US); **B65D 88/1656** (2013.01 - EP US); **B65D 88/1668** (2013.01 - EP US); **B65D 88/1687** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

CH 701338 A1 20101231; CN 102612474 A 20120725; CN 102612474 B 20140709; EP 2445814 A1 20120502; EP 2445814 B1 20150826; IN 249DEN2012 A 20150501; US 2012099809 A1 20120426; US 8801287 B2 20140812; WO 2010150160 A1 20101229

DOCDB simple family (application)

CH 9672009 A 20090622; CN 201080035297 A 20100618; EP 10731593 A 20100618; IB 2010052764 W 20100618; IN 249DEN2012 A 20120109; US 201013380106 A 20100618