

Title (en)

Automatic liquid stop bag with bent portion

Title (de)

Automatischer Flüssigkeitsstopp-Beutel mit gebogenem Abschnitt

Title (fr)

Poche à arrêt automatique de liquide avec une partie recourbée

Publication

EP 2457844 A1 20120530 (EN)

Application

EP 11191082 A 20111129

Priority

- TW 99141564 A 20101130
- TW 100119929 A 20110608

Abstract (en)

An automatic liquid stop bag with a bending portion comprises: two outer films (2a,2b), two inner films (1a,1b), a storage area (4), a discharge channel (8), a bent portion (84), an inlet (81), an outlet (82) and a tear portion (10). The storage area (4) is formed by coupling the two outer films (2a,2b) by hot sealing. The two inner films (1a,1b) are disposed between the two outer films (2a,2b) and coupled the two inner films (1a,1b) by heat sealing to form a discharge channel or the discharge channel (8) is coupled to the two inner films by heat sealing and formed between the two inner films (1a,1b), and the internal sides of the two inner films are not coupled to form the inlet (81) and outlet (82), and the tear portion (10) is formed at an edge of the two inner films and the two outer films (2a,2b) and separated from the two inner films (1a,1b) to expose the outlet (82) of the discharge channel (8).

IPC 8 full level

B65D 75/58 (2006.01)

CPC (source: EP KR)

B65D 33/00 (2013.01 - KR); **B65D 75/58** (2013.01 - KR); **B65D 75/5811** (2013.01 - EP); **B65D 75/5866** (2013.01 - EP);
B65D 2575/586 (2013.01 - EP)

Citation (applicant)

US 5529224 A 19960625 - CHAN JOHN G [JP], et al

Citation (search report)

- [A] EP 1577223 A1 20050921 - TOYO SEIKAN KAISHA LTD [JP]
- [A] JP H11193039 A 19990721 - UENO HIROSHI
- [A] EP 0778217 A1 19970611 - BAYYOMI FAWZI ALI [KW], et al
- [A] WO 2010123581 A2 20101028 - HEINZ CO H J [US], et al

Cited by

CN109533629A

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2457844 A1 20120530; EP 2457844 B1 20130911; JP 2012116570 A 20120621; JP 2014065539 A 20140417; JP 5712270 B2 20150507;
KR 101284381 B1 20130709; KR 20120059409 A 20120608; MY 159344 A 20161230; TW 201221436 A 20120601; TW I414456 B 20131111

DOCDB simple family (application)

EP 11191082 A 20111129; JP 2011260349 A 20111129; JP 2013240789 A 20131121; KR 20110125674 A 20111129;
MY PI2011005764 A 20111129; TW 100119929 A 20110608