

Title (en)

ZIPPER TAPE AND PACKING BAG WITH ZIPPER TAPE

Title (de)

REISSVERSCHLUSSBAND UND VERPACKUNGSBEUTEL MIT DEM REISSVERSCHLUSSBAND

Title (fr)

BANDE DE FERMETURE À GLISSIÈRE ET SAC D'EMBALLAGE DOTÉ D'UNE BANDE DE FERMETURE À GLISSIÈRE

Publication

EP 2535288 A1 20121219 (EN)

Application

EP 11742259 A 20110209

Priority

- JP 2010029236 A 20100212
- JP 2011052737 W 20110209

Abstract (en)

The thick portion (31) is formed thick at an end (224) of a female belt-like base (221) near a containing space (15). To the thick portion (31) near the containing space (15), a cut portion (32) thinner than the female belt-like base (221) is provided. To the cut portion (32) near the containing space (15), a seal base (33) that is thicker than the female belt-like base (221) and is sealed to an inner surface (10A) of a bag body (10) to which a male belt-like base (211) is attached, is provided. Seal strength of the thick portion (31) to the inner surface (10A) is lower than that of the seal base (33). The cut portion (32) is provided to have a lower seal strength than that of the seal base (33). An area surrounded by the thick portion (31), the cut portion (32), the seal base (33) and the inner surface (10A) of the bag body (10) becomes substantially hermetically sealed. Even when external pressure is applied on the bag body (10), e.g., when the bag body (10) is dropped, damages (e.g., stretch) to the cut portion (32) can be prevented.

IPC 8 full level

B65D 33/25 (2006.01)

CPC (source: EP KR US)

B65D 33/25 (2013.01 - KR); **B65D 33/2525** (2013.01 - EP US); **B65D 33/2533** (2013.01 - EP US); **Y10T 24/45168** (2015.01 - 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2535288 A1 20121219; **EP 2535288 A4 20141203**; CN 102753448 A 20121024; CN 102753448 B 20140604; JP 5639091 B2 20141210; JP WO2011099516 A1 20130613; KR 20120135900 A 20121217; TW 201144168 A 20111216; US 2012314978 A1 20121213; WO 2011099516 A1 20110818

DOCDB simple family (application)

EP 11742259 A 20110209; CN 201180009186 A 20110209; JP 2011052737 W 20110209; JP 2011553865 A 20110209; KR 20127020839 A 20110209; TW 100104667 A 20110211; US 201113578713 A 20110209