

Title (en)

Tab seal for sealing a vessel to be closed by plug or cap and related manufacturing method

Title (de)

Laschendichtung zum Verschliessen eines Behälters mit Stöpsel oder Kapsel und entsprechendes Herstellungsverfahren

Title (fr)

Joint à languette pour obturation d'un recipient a fermeture par bouchon ou capsule et procede de fabrication

Publication

EP 2554487 B1 20141210 (FR)

Application

EP 11187161 A 20111028

Priority

FR 1157057 A 20110801

Abstract (en)

[origin: US8225954B1] Heat-sealable seal including a support bonded to an inner seal by a temporary adhesive is provided. The inner seal has a pull-tab which is folded back once on the surface of the inner seal in contact with the corresponding surface of the support. The inner seal includes a laminate having a reinforcing layer and a sheet of a conducting material, to the lower surface of which is applied a heat-sealing film. The temporary adhesive is applied to the whole surface of the inner seal once the pull-tab is folded back. The seal is characterized in that the laminate has over its entire thickness a notch from which the pull-tab emerges, and a fold line formed by the pull-tab once the pull-tab is folded back, the fold line having a shorter length than the length of the notch. Methods of producing the seal are also disclosed.

IPC 8 full level

B65D 51/20 (2006.01); **B65D 53/04** (2006.01); **B65D 77/20** (2006.01)

CPC (source: EP US)

B65D 51/20 (2013.01 - EP US); **B65D 53/04** (2013.01 - EP US); **B65D 77/2044** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US);
B65D 2251/009 (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US); **B65D 2577/205** (2013.01 - EP US); **Y10T 29/49** (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)

FR 2962719 A1 20120120; FR 2962719 B1 20120810; AU 2012291959 A1 20140116; AU 2012291959 B2 20150723;
BR 112013033535 A2 20170207; CA 2839664 A1 20130207; CA 2839664 C 20180313; CN 103619720 A 20140305; CN 103619720 B 20151125;
EP 2554487 A1 20130206; EP 2554487 B1 20141210; EP 2574183 A1 20130403; EP 2574183 B1 20150624; ES 2527186 T3 20150121;
ES 2548953 T3 20151021; HK 1191306 A1 20140725; HU E024975 T2 20160128; IL 230170 A 20171231; JP 2014525878 A 20141002;
JP 5985636 B2 20160906; MX 2013014995 A 20150416; MX 341509 B 20160822; PL 2554487 T3 20150529; PL 2574183 T3 20151030;
PT 2554487 E 20141222; PT 2574183 E 20150804; RU 2013158487 A 20150710; RU 2587397 C2 20160620; UA 111491 C2 20160510;
US 2013032598 A1 20130207; US 8225954 B1 20120724; US 8517201 B2 20130827; WO 2013017754 A1 20130207;
ZA 201309580 B 20141223

DOCDB simple family (application)

FR 1157057 A 20110801; AU 2012291959 A 20120127; BR 112013033535 A 20120127; CA 2839664 A 20120127;
CN 201280032009 A 20120127; EP 11187161 A 20111028; EP 12706642 A 20120127; ES 11187161 T 20111028; ES 12706642 T 20120127;
FR 2012050181 W 20120127; HK 14104315 A 20140507; HU E12706642 A 20120127; IL 23017013 A 20131225; JP 2014523356 A 20120127;
MX 2013014995 A 20120127; PL 11187161 T 20111028; PL 12706642 T 20120127; PT 11187161 T 20111028; PT 12706642 T 20120127;
RU 2013158487 A 20120127; UA A201315391 A 20120127; US 201113285166 A 20111031; US 201213536427 A 20120628;
ZA 201309580 A 20131218