

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 Kappen-Verschlusseinrichtung sowie Herstellungsverfahren

Title (fr)

Joint à languette pour obturation d'un récipient à fermeture par bouchon ou capsule et procédé de fabrication

Publication

EP 2045194 B2 20160106 (FR)

Application

EP 08305457 A 20080807

Priority

FR 0757839 A 20070925

Abstract (en)

[origin: EP2045194A1] The joint has a support (2) at a bottom of a cork or a cap and associated to a cover plate (3) by a temporary adhesive film (7), where the cover plate is sealed on a lip of a container. The plate has an extension constituting a rip tab (6), on all or part of thickness of the plate. The total surface of the tab is folded on a surface of the cover plate in contact with corresponding surface of the support. The plate comprises an aluminum sheet (4) associated to a thermosealable plastic film (5). The plate has a reinforcement film i.e. polyester film, on total upper surface including the tab.

IPC 8 full level

B65D 51/20 (2006.01)

CPC (source: EP US)

B65D 51/20 (2013.01 - EP US); **B65D 53/04** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US); **B65D 2577/205** (2013.01 - EP US); **Y10T 29/49** (2015.01 - US)

Citation (opposition)

Opponent :

- JP 2000191021 A 20000711 - YOSHINO KOGYOSHO CO LTD
- GB 2330134 A 19990414 - REXAM PLASTICS INC [US]

Cited by

DE102011106768B4; WO2013092472A1; FR2943322A1; DE102012006934B3; DE102009016312B3; DE102013015581B3; EP2924483A1; WO2014109963A1; US9261655B2; EP2554487A1; WO2013017754A1; WO2013092518A1; WO2013150137A1; US9156584B2; WO2018115732A1; WO2010115811A1; DE102011106768A1; WO2012152622A1; US9440766B2; FR3110557A1; WO2021234236A1; US11414253B2; FR3128452A1; WO2023073316A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2045194 A1 20090408; EP 2045194 B1 20090819; EP 2045194 B2 20160106; AT E440042 T1 20090915; AU 2008303432 A1 20090402; AU 2008303432 B2 20110120; BR PI0810889 A2 20141029; BR PI0810889 B1 20181030; CA 2693664 A1 20090402; CA 2693664 C 20160126; CN 101687582 A 20100331; CN 101687582 B 20110413; DE 602008000102 D1 20091001; ES 2328299 T3 20091111; ES 2328299 T5 20160302; FR 2921347 A1 20090327; FR 2921347 B1 20110819; HK 1141500 A1 20101112; IL 204478 A 20150331; JP 2010540354 A 20101224; JP 5166536 B2 20130321; MX 2010001867 A 20100427; MY 165701 A 20180420; PL 2045194 T3 20100129; PL 2045194 T5 20160531; PT 2045194 E 20090902; RU 2009147742 A 20110627; RU 2448884 C2 20120427; UA 96656 C2 20111125; US 2009078671 A1 20090326; US 8672168 B2 20140318; WO 2009040486 A1 20090402; ZA 201001906 B 20110525

DOCDB simple family (application)

EP 08305457 A 20080807; AT 08305457 T 20080807; AU 2008303432 A 20080807; BR PI0810889 A 20080807; CA 2693664 A 20080807; CN 200880021703 A 20080807; DE 602008000102 T 20080807; ES 08305457 T 20080807; FR 0757839 A 20070925; FR 2008051476 W 20080807; HK 10107949 A 20100820; IL 20447810 A 20100314; JP 2010525393 A 20080807; MX 2010001867 A 20080807; MY PI2010001247 A 20080807; PL 08305457 T 20080807; PT 08305457 T 20080807; RU 2009147742 A 20080807; UA A201003229 A 20080807; US 20036408 A 20080828; ZA 201001906 A 20100317