

Title (en)

Resealable closure for open end of beverage containers

Title (de)

Wiederverschliessbarer Verschluss für offenes Ende eines Getränkebehälters

Title (fr)

Fermeture refermable pour l'extrémité ouverte d'un récipient à boisson

Publication

EP 1247752 B1 20040211 (EN)

Application

EP 01108318 A 20010402

Priority

EP 01108318 A 20010402

Abstract (en)

[origin: EP1247752A1] A resealable lid for a carbonated beverage can (12) has a sealing flap that is slidable from an initial, sealed position to an unsealed position and then back to the sealed position. The sealing flap is joined by a single, central rubber pivot (150) and provides a seal through a rubber continuous sealing liner (127) secured to the sealing flap. A projection (123j) is broken when the sealing flap is first rotated from the sealing position to contact a stop portion (123i). An independent claim is also included for a method of opening and resealing a positively or negatively pressurized beverage can including unsealing a pressure equalization port, sliding a sealing flap to an open position, resealing the pressure equalization port and sliding the flap to a re-sealed position.

IPC 1-7

B65D 43/18; **B65D 47/26**; **B65D 17/50**

IPC 8 full level

B65D 17/50 (2006.01); **B65D 43/18** (2006.01); **B65D 47/26** (2006.01)

CPC (source: EP US)

B65D 17/506 (2013.01 - EP US); **B65D 43/18** (2013.01 - EP); **B65D 47/265** (2013.01 - EP); **B65D 2517/0046** (2013.01 - EP); **B65D 2517/0094** (2013.01 - EP)

Cited by

US9272823B2; US2016221713A1; CN116534459A; AT507950B1; EA015059B1; EP2958818A4; US10392158B2; CN109071073A; US2011006062A1; US2018339548A1; US10899168B2; CN112566851A; CN117554185A; US7874447B2; US11912469B2; US9878833B2; US7845510B2; US8616399B2; WO2008051099A1; WO2018107261A1; WO2010094793A2; US9162796B2; US7152753B2; US7735673B2; WO2009103817A1; US7850037B2; US10407224B2; US11014707B2; US11091303B2; US11801968B2; WO2010115911A1; US8720740B2; US9463910B2; US10273063B2; WO2020033454A1; WO2020033452A1; WO2020033448A1; WO2012031994A1; US10640266B2; US10661952B2; US10781012B2; US10836533B2

Designated contracting state (EPC)

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EP 1247752 A1 20021009; **EP 1247752 B1 20040211**; AT E259327 T1 20040215; AU 2002229041 B2 20060706; DE 60101995 D1 20040318; DE 60101995 T2 20040722; ES 2213649 T3 20040901; NZ 529214 A 20050930; RU 2286932 C2 20061110; WO 02081322 A1 20021017

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EP 01108318 A 20010402; AT 01108318 T 20010402; AU 2002229041 A 20011212; DE 60101995 T 20010402; ES 01108318 T 20010402; NZ 52921401 A 20011212; RU 2003132067 A 20011212; US 0148191 W 20011212