

Title (en)

LIGHTWEIGHT CLOSURE AND CONTAINER PACKAGE

Title (de)

LEICHTGEWICHTIGER VERSCHLUSS UND BEHÄLTERVERPACKUNG

Title (fr)

SYSTÈME DE FERMETURE LÉGER ET RÉCIPIENT D'EMBALLAGE

Publication

EP 2874895 A1 20150527 (EN)

Application

EP 13820631 A 20130722

Priority

- US 201261673942 P 20120720
- US 2013051524 W 20130722

Abstract (en)

[origin: US2014021157A1] A closure and container package for pressurized products, such as carbonated beverages, includes a closure comprising a closure cap having a top wall portion, and an annular skirt portion depending from the top wall portion. Features of the closure construction, and selection of the polymer from which the closure is formed, permits the closure to meet sealing, impact resistance, and other performance criteria, with desirably reduced use of polymeric material. Significant cost savings can thus be achieved.

IPC 8 full level

B65D 41/04 (2006.01)

CPC (source: EP KR US)

B65D 41/0421 (2013.01 - EP KR US); **B65D 41/3428** (2013.01 - EP KR US)

Citation (third parties)

Third party : Bericap GmbH & Co. KG

- US 2011224423 A1 20110915 - CHUNG SUNG-KEE [KR], et al
- US 2012091138 A1 20120419 - SADIQ SOHAIL [US], et al
- US 2007213468 A1 20070913 - WILSON DEBRA R [US], et al
- US 8231018 B2 20120731 - GASSNER OKTEN [DE]
- DE 102012103354 A1 20131017 - BERICAP GMBH & CO KG [DE]
- US 2012091134 A1 20120419 - SADIQ SOHAIL [US], et al
- BERICAP: "PETnology/tecPET GmbH catalogue Connecting competence", 2009, article "connecting competence", pages: 12-13,86 - 91, XP055273126
- "Bericap focuses on lightweight design", INTERPACK NEWS, no. 3, - May 2011 (2011-05-01), pages 39, XP055273133
- "Media Information Print + Online", HÜTHING, 2011, XP055273792
- "Closure Manual- plastic. Closures on plastic bottles", BSDA, March 2001 (2001-03-01), pages 1 - 36, XP055273793
- "Bericap Supershorty", BERICAP LEAFLET, March 2010 (2010-03-01), XP055273794

Third party : anonymous

- US 6325226 B1 20011204 - KRAUTKRAMER GUNTER [DE]
- EP 1678046 A1 20060712 - OBRIST CLOSURES SWITZERLAND [CH]
- US 2010084363 A1 20100408 - MICHIE JR WILLIAM J [US], et al

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EP2784985A1

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)

US 2014021157 A1 20140123; AU 2013292280 A1 20150129; CL 2015000117 A1 20150626; CN 104470817 A 20150325; EP 2874895 A1 20150527; EP 2874895 A4 20160511; JP 2015526351 A 20150910; KR 20150034725 A 20150403; MX 2015000833 A 20150408; PH 12015500098 A1 20150302; RU 2015105810 A 20160910; WO 2014015342 A1 20140123; ZA 201500236 B 20160127

DOCDB simple family (application)

US 201313947882 A 20130722; AU 2013292280 A 20130722; CL 2015000117 A 20150116; CN 201380038441 A 20130722; EP 13820631 A 20130722; JP 2015523304 A 20130722; KR 20157001062 A 20130722; MX 2015000833 A 20130722; PH 12015500098 A 20150114; RU 2015105810 A 20130722; US 2013051524 W 20130722; ZA 201500236 A 20150113