

Title (en)

CAN CONTAINER

Title (de)

DOSENBEHÄLTER

Title (fr)

RÉCIPIENT EN FORME DE BOÎTE

Publication

EP 1785371 B1 20101229 (EN)

Application

EP 05770323 A 20050808

Priority

- JP 2005014860 W 20050808
- JP 2004233458 A 20040810

Abstract (en)

[origin: EP1785371A1] An easily rupturable portion, which is ruptured when an inner pressure of a can container is raised extraordinary and the domed portion is thereby deformed to protrude outwardly of the can container, is formed on an outer face side of the domed portion and situated in the close vicinity of an outer circumferential portion of the domed portion continuing into a seamed portion. For example, the easily rupturable portion is ruptured to release the contents of the can container when an inner pressure of a can container is raised extraordinary by heat or the like to deform the domed portion of a bottom lid to protrude outwardly within the outer circumferential portion of the domed portion. Therefore, a gas can be released without blowing off a portion of the can container

IPC 8 full level

B65D 83/38 (2006.01); **B65D 8/04** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP US)

B65D 51/1638 (2013.01 - EP US); **B65D 83/38** (2013.01 - EP US); **B65D 83/70** (2013.01 - EP US); **F17C 1/14** (2013.01 - EP US); **F17C 13/123** (2013.01 - EP US); **F17C 2201/0104** (2013.01 - EP US); **F17C 2201/058** (2013.01 - EP US); **F17C 2203/0617** (2013.01 - EP US); **F17C 2203/0636** (2013.01 - EP US); **F17C 2203/069** (2013.01 - EP US); **F17C 2260/021** (2013.01 - EP US); **F17C 2260/042** (2013.01 - EP US); **F17C 2270/0718** (2013.01 - EP US)

Cited by

EP2157027A1; CN104379468A; GB2520170A; GB2520170B; WO2014008014A1; US7971759B2; US9499330B2; EP2825696B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1785371 A1 20070516; EP 1785371 A4 20070926; EP 1785371 B1 20101229; AT E493349 T1 20110115; CN 101014515 A 20070808; DE 602005025651 D1 20110210; HK 1103702 A1 20071228; JP 2006051964 A 20060223; JP 4781646 B2 20110928; US 2009223956 A1 20090910; WO 2006016679 A1 20060216

DOCDB simple family (application)

EP 05770323 A 20050808; AT 05770323 T 20050808; CN 200580027404 A 20050808; DE 602005025651 T 20050808; HK 07112395 A 20071113; JP 2004233458 A 20040810; JP 2005014860 W 20050808; US 57348905 A 20050808