

Title (en)
CONTAINER LID HAVING A PRESSURE EQUALIZING DEVICE

Title (de)
BEHÄLTERDECKEL MIT DRUCKAUSGLEICHSEINRICHTUNG

Title (fr)
COUVERCLE DE CONTENANT COMPORTANT UN DISPOSITIF D'ÉQUILIBRAGE DE LA PRESSION

Publication
EP 2475583 A1 20120718 (DE)

Application
EP 10752565 A 20100907

Priority
• AT 14032009 A 20090907
• EP 2010063102 W 20100907

Abstract (en)
[origin: WO2011026991A1] The invention relates to a lid (100) of a container, in particular a beverage can, comprising a pouring opening (103), which can be closed by means of a closure element (120), which can be moved from a closed position into an open position by way of an actuating element (110), wherein a pressure equalizing device having a pressure equalizing opening (123) is provided, which interacts with the actuating element (110). When the actuating element (110) is in the closed position, a closing element for closing the pressure equalizing opening (123) releases the pressure equalizing opening (123) when moving the actuating element (110) from the closed position to the open position. The closing element is designed as a tube element (124) made of flexible material and is connected to the pressure equalizing opening (123). The tube element (124) is closed in a gas-tight and/or fluid-tight manner by way of a reversible cross-sectional constriction when the actuating element (110) is in the closed position.

IPC 8 full level
B65D 47/20 (2006.01); **B65D 47/32** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP KR US)
B65D 47/20 (2013.01 - KR); **B65D 47/2018** (2013.01 - EP US); **B65D 47/2043** (2013.01 - EP US); **B65D 47/32** (2013.01 - EP KR US); **B65D 47/36** (2013.01 - US); **B65D 51/007** (2013.01 - US); **B65D 51/16** (2013.01 - KR); **B65D 51/1672** (2013.01 - EP US); **B65D 1/12** (2013.01 - US)

Citation (search report)
See references of WO 2011026993A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011026991 A1 20110310; AT 508717 A1 20110315; AT 508717 B1 20110615; AU 2010291112 A1 20120322; AU 2010291112 B2 20140417; AU 2010291114 A1 20120315; AU 2010291114 B2 20131205; BR 112012005052 A2 20160503; BR 112012005053 A2 20160503; CA 2772717 A1 20110310; CA 2772798 A1 20110310; CA 2772798 C 20160315; CN 102574616 A 20120711; CN 102574616 B 20140924; CN 102574617 A 20120711; CN 102574617 B 20150114; EP 2475583 A1 20120718; EP 2475583 B1 20131106; EP 2475587 A1 20120718; EP 2475587 B1 20151104; ES 2445025 T3 20140227; ES 2553863 T3 20151214; IN 1500DEN2012 A 20150605; IN 1635DEN2012 A 20150605; JP 2013503791 A 20130204; JP 2013503792 A 20130204; JP 5449557 B2 20140319; JP 5449558 B2 20140319; KR 101372969 B1 20140313; KR 101406056 B1 20140611; KR 20120046794 A 20120510; KR 20120058607 A 20120607; MX 2012002764 A 20120410; MX 2012002790 A 20120419; PL 2475583 T3 20140430; PL 2475587 T3 20160429; RU 2012113564 A 20131020; RU 2012113742 A 20131020; RU 2503602 C2 20140110; RU 2511325 C2 20140410; US 2012145712 A1 20120614; US 2012152949 A1 20120621; US 8794469 B2 20140805; WO 2011026993 A1 20110310

DOCDB simple family (application)
EP 2010063097 W 20100907; AT 14032009 A 20090907; AU 2010291112 A 20100907; AU 2010291114 A 20100907; BR 112012005052 A 20100907; BR 112012005053 A 20100907; CA 2772717 A 20100907; CA 2772798 A 20100907; CN 201080040609 A 20100907; CN 201080040610 A 20100907; EP 10752564 A 20100907; EP 10752565 A 20100907; EP 2010063102 W 20100907; ES 10752564 T 20100907; ES 10752565 T 20100907; IN 1500DEN2012 A 20120217; IN 1635DEN2012 A 20120223; JP 2012527353 A 20100907; JP 2012527354 A 20100907; KR 20127008648 A 20100907; KR 20127008649 A 20100907; MX 2012002764 A 20100907; MX 2012002790 A 20100907; PL 10752564 T 20100907; PL 10752565 T 20100907; RU 2012113564 A 20100907; RU 2012113742 A 20100907; US 201013138258 A 20100907; US 201013392939 A 20100907