

Title (en)

DEVICE FOR FILLING A CONTAINER WITH A LIQUID

Title (de)

VERFAHREN ZUM BEFÜLLEN EINES BEHÄLTNISSES MIT EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF POUR REMPLIR UN RÉCIPIENT AVEC UN LIQUIDE

Publication

**EP 2704980 B1 20160203 (DE)**

Application

**EP 12715577 A 20120322**

Priority

- DE 102011100560 A 20110505
- DE 2012000309 W 20120322

Abstract (en)

[origin: WO2012149917A1] The invention relates to a method for filling a container (1) filled with liquid (7), comprising a balloon-like body (6) that is introduced into the container (1). An expansion medium (8) is introduced into said balloon-like body (6), such that the balloon-like body (6) is inflated. Subsequently, the balloon-like body (6) is re-emptied, such that the liquid (7) to be introduced is drawn in.

IPC 8 full level

**B67C 3/02** (2006.01); **B67C 3/10** (2006.01); **B67C 9/00** (2006.01); **B67D 1/04** (2006.01)

CPC (source: EP US)

**B67C 3/02** (2013.01 - EP US); **B67C 3/06** (2013.01 - US); **B67C 3/10** (2013.01 - EP US); **B67C 3/2614** (2013.01 - EP US); **B67C 9/00** (2013.01 - EP US); **B65B 31/046** (2013.01 - US); **B65B 31/06** (2013.01 - US); **B67C 2003/2688** (2013.01 - EP US)

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

DOCDB simple family (publication)

**DE 102011100560 B3 20120315**; AU 2012250379 A1 20140109; AU 2012250379 B2 20150723; AU 2012250379 C1 20151119; CN 103502136 A 20140108; CN 103502136 B 20151209; EP 2704980 A1 20140312; EP 2704980 B1 20160203; ES 2569667 T3 20160512; JP 2014514221 A 20140619; JP 5893130 B2 20160323; US 10427927 B2 20191001; US 2014047797 A1 20140220; US 2017174492 A1 20170622; WO 2012149917 A1 20121108

DOCDB simple family (application)

**DE 102011100560 A 20110505**; AU 2012250379 A 20120322; CN 201280021850 A 20120322; DE 2012000309 W 20120322; EP 12715577 A 20120322; ES 12715577 T 20120322; JP 2014508680 A 20120322; US 201214113427 A 20120322; US 201715448617 A 20170303