

Title (en)

DEVICE FOR FILLING A CONTAINER OF COLLAPSIBLE TYPE

Title (de)

VORRICHTUNG ZUM BEFÜLLEN EINES BEHÄLTERS DER ZUSAMMENKLAPPBAREN ART

Title (fr)

DISPOSITIF DE REMPLISSAGE D UN CONTENEUR DE TYPE PLIANT

Publication

EP 1888408 B1 20160309 (EN)

Application

EP 06747844 A 20060602

Priority

- SE 2006000650 W 20060602
- SE 0501320 A 20050608

Abstract (en)

[origin: WO2006132578A1] A device for filling a container of a collapsible type with a product in the form of powder or liquid, the container having a compartment which is defined by flexible walls and whose volume is dependent on the relative position of the walls and which communicates with the surroundings through a filling duct of the container. The device comprises a filling tube (2) with an end portion (5) , which is insertable into the filling duct of the container to supply a product to the compartment of the container through the filling tube 2. The device further comprises an end element (4) , which is arranged in an outlet (6) of the end portion (5) and which is movable between a first position, in which the end element (4) sealingly connects to the outlet (6) , and a second position, in which the end element (4) together with the outlet (6) defines a filling passage (7) , and a squeezing means (3) , which is adapted to grasp the end portion (5) and the filling duct when the end portion (5) is inserted into the filling duct to establish a seal between the end portion (5) and the filling duct.

IPC 8 full level

B65B 3/17 (2006.01); **B65B 39/08** (2006.01); **B65D 75/00** (2006.01)

CPC (source: BR EP KR SE US)

B65B 3/17 (2013.01 - BR KR SE); **B65B 39/004** (2013.01 - BR EP SE US); **B65B 39/08** (2013.01 - BR EP KR SE US); **B65D 31/06** (2013.01 - KR); **B65D 75/008** (2013.01 - SE)

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)

WO 2006132578 A1 20061214; AU 2006255845 A1 20061214; AU 2006255845 B2 20091119; BR PI0611180 A2 20100824; BR PI0611180 B1 20180320; CA 2610259 A1 20061214; CA 2610259 C 20110913; CN 100532203 C 20090826; CN 101193799 A 20080604; DK 1888408 T3 20160411; EA 011536 B1 20090428; EA 200702581 A1 20080428; EP 1888408 A1 20080220; EP 1888408 A4 20140730; EP 1888408 B1 20160309; ES 2573673 T3 20160609; HK 1123781 A1 20090626; HU E028776 T2 20170130; JP 2008543678 A 20081204; JP 4890542 B2 20120307; KR 101309539 B1 20130924; KR 20080013962 A 20080213; MX 2007015568 A 20080306; NZ 563479 A 20100226; PL 1888408 T3 20160930; SE 0501320 L 20061209; SE 528731 C2 20070206; UA 91227 C2 20100712; US 2009078337 A1 20090326

DOCDB simple family (application)

SE 2006000650 W 20060602; AU 2006255845 A 20060602; BR PI0611180 A 20060602; CA 2610259 A 20060602; CN 200680020411 A 20060602; DK 06747844 T 20060602; EA 200702581 A 20060602; EP 06747844 A 20060602; ES 06747844 T 20060602; HK 08113093 A 20081201; HU E06747844 A 20060602; JP 2008515653 A 20060602; KR 20077027840 A 20060602; MX 2007015568 A 20060602; NZ 56347906 A 20060602; PL 06747844 T 20060602; SE 0501320 A 20050608; UA A200714343 A 20060602; US 92150106 A 20060602