

Title (en)

DEVICE FOR FILLING OF 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 A4 20140730 (EN)

Application

EP 06747844 A 20060602

Priority

- SE 2006000650 W 20060602
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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

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CPC (source: BR EP KR SE US)

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Citation (search report)

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- [Y] JP H0995303 A 19970408 - SUNSTAR ENGINEERING INC
- [A] EP 0643011 A1 19950315 - ELOPAK AS [NO]
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Designated contracting state (EPC)

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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

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