

Title (en)

SPOUT FOR A REFILL CONTAINER AND METHOD FOR MANUFACTURING A SPOUT

Title (de)

TÜLLE FÜR EINEN NACHFÜLLBEHÄLTER UND VERFAHREN ZUR HERSTELLUNG EINER TÜLLE

Title (fr)

BEC VERSEUR POUR UN RÉCIPIENT DE RECHARGE ET PROCÉDÉ DE FABRICATION D'UN BEC VERSEUR

Publication

EP 3214009 A1 20170906 (EN)

Application

EP 16158128 A 20160301

Priority

EP 16158128 A 20160301

Abstract (en)

A spout (10) for being connected to a refill container comprises connection means (12), which comprise a flow pipe (22) for communicating with the interior of the refill container, and a valve type closure (14) for opening and/or closing the flow pipe. An axially displaceable plug (18) seals the flow pipe (22) in a closing position and comprises at least one lateral connection opening (26) for communicating with an outlet orifice (28) of the closure (14) and the flow pipe (22) in an opening position. An operating assembly (42) connected to the closure and the plug allows axial blocking of the closure in the closing position and unblocking it by rotation, after which the closure (14) is reversibly axially moveable towards an opening position. Thus repeated opening and secure sealing of the spout is possible.

IPC 8 full level

B65D 47/24 (2006.01); **B65D 5/74** (2006.01); **B65D 75/58** (2006.01); **B65D 50/06** (2006.01)

CPC (source: EP)

B65D 5/746 (2013.01); **B65D 47/247** (2013.01); **B65D 50/06** (2013.01); **B65D 75/5883** (2013.01)

Citation (applicant)

JP 2012210953 A 20121101 - YOSHINO KOGYOSHO CO LTD

Citation (search report)

- [XYI] US 5337931 A 19940816 - KITTERMANN DONALD M [US]
- [X] FR 2810964 A1 20020104 - EL BOUABDELLATI ABDELKADER [FR]
- [X] WO 9618552 A1 19960620 - EILERTSEN EDGAR [NO]
- [Y] WO 2015114755 A1 20150806 - TECHNOCRATS CORP [JP]
- [A] US 4773567 A 19880927 - STOODY WILLIAM R [US]
- [A] EP 1884482 A2 20080206 - SHEK TAT KIT [CN]
- [A] JP H10147335 A 19980602 - DAINIPPON PRINTING CO LTD

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3214010 A2 20170906; **EP 3214010 A3 20171108**; **EP 3214010 B1 20231101**; EP 3214009 A1 20170906

DOCDB simple family (application)

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