

Title (en)

Connection device between a recipient and a container and method for assembling and using such a device

Title (de)

Vorrichtung zur Verbindung zwischen einem Empfänger und einem Gehäuse und Verfahren zur Montage und Verwendung einer solchen Vorrichtung

Title (fr)

Dispositif de connexion entre un récipient et un contenant, procédé d'assemblage et d'utilisation d'un tel dispositif

Publication

EP 2717827 B1 20150729 (FR)

Application

EP 12729060 A 20120605

Priority

- FR 1154884 A 20110606
- EP 2012060591 W 20120605

Abstract (en)

[origin: WO2012168235A1] The invention relates to a device (10) for connection between a recipient having a neck closed by a perforatable stopper and a container to be provided with a needle (62). Said device comprises a base (20) on which the container can be mounted, said base defining a central bore (26) and comprising means (22) for mounting on the recipient. A needle (62) pertaining to a sub-set (60) that is engaged in the central bore (26) forming part of the connection device (10) and is to be mounted on the container is arranged in the central bore (26), parallel to a longitudinal axis (X26) of said bore. A sealing sleeve (40) is arranged in the central bore (26), around the needle (62) and in contact therewith. The base (20) is a single component and comprises a body (28) for perforating the stopper, said body extending from an intermediate wall (21) of the base, away from the central bore (26), parallel to the central axis (X26) of the bore and up to a distal end (282). The perforating body (28) is hollow and the inner space (V28) thereof communicates with the central bore (26) and with a space (V22) that radially surrounds the distal end (282) of the perforating body.

IPC 8 full level

A61J 1/20 (2006.01)

CPC (source: EP RU US)

A61J 1/2089 (2013.01 - EP RU US); **A61J 1/2096** (2013.01 - EP RU US); **B65B 3/003** (2013.01 - RU US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2055** (2015.05 - EP US); **A61J 1/2065** (2015.05 - EP US); **Y10T 29/4987** (2015.01 - 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)

FR 2975896 A1 20121207; **FR 2975896 B1 20140606**; AU 2012266433 A1 20140109; AU 2012266433 B2 20160526; BR 112013031087 A2 20161206; BR 112013031087 B1 20200616; CA 2837816 A1 20121213; CA 2837816 C 20180904; CN 103619306 A 20140305; CN 103619306 B 20160824; EP 2717827 A1 20140416; EP 2717827 B1 20150729; ES 2545631 T3 20150914; JP 2014522280 A 20140904; JP 5981535 B2 20160831; PL 2717827 T3 20160129; PT 2717827 E 20151008; RU 2013158253 A 20150720; RU 2602743 C2 20161120; US 2014096862 A1 20140410; US 8985162 B2 20150324; WO 2012168235 A1 20121213

DOCDB simple family (application)

FR 1154884 A 20110606; AU 2012266433 A 20120605; BR 112013031087 A 20120605; CA 2837816 A 20120605; CN 201280027935 A 20120605; EP 12729060 A 20120605; EP 2012060591 W 20120605; ES 12729060 T 20120605; JP 2014514035 A 20120605; PL 12729060 T 20120605; PT 12729060 T 20120605; RU 2013158253 A 20120605; US 201214123116 A 20120605