

Title (en)

CONNECTING DEVICE FOR CONNECTING A FIRST RESERVOIR TO A SECOND RESERVOIR

Title (de)

VERBUNDUNGSVORRICHTUNG ZUM VERBINDEN EINES ERSTEN RESERVOIRS MIT EINEM ZWEITEN RESERVOIR

Title (fr)

DISPOSITIF DE LIAISON DESTINÉ À RELIER UN PREMIER RÉSERVOIR À UN DEUXIÈME RÉSERVOIR

Publication

EP 2667838 B1 20141231 (DE)

Application

EP 12703005 A 20120125

Priority

- EP 11151942 A 20110125
- US 201161435800 P 20110125
- EP 2012051153 W 20120125
- EP 12703005 A 20120125

Abstract (en)

[origin: US2012192976A1] The invention concerns a connection device for connecting a first reservoir with a second reservoir, having a first section (11) for arranging the first reservoir (5) closed with a seal (51); a second section (12) for arranging the second reservoir; and a piercing element (2) which penetrates with a piercing end (21) the seal (51) of the first reservoir (5) when the first reservoir (5) is arranged at the first section (11). According to the invention, the piercing element (2) can be moved from a first position into a second position, wherein it blocks in the first position a flow connection between the first and the second section (11, 12), while in the second position it allows for a flow connection between the first and the second section (11, 12).

IPC 8 full level

A61J 1/20 (2006.01)

CPC (source: EP US)

A61J 1/2089 (2013.01 - EP US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2031** (2015.05 - EP US); **A61J 1/2051** (2015.05 - EP US); **A61J 1/2055** (2015.05 - EP US); **A61J 2200/10** (2013.01 - EP US); **Y10S 604/905** (2013.01 - EP US); **Y10T 137/9029** (2015.04 - EP US)

Cited by

DE202017003262U1

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)

US 2012192976 A1 20120802; US 8857470 B2 20141014; AU 2012210586 B2 20160317; BR 112013018834 A2 20170131; CA 2825251 A1 20120802; CL 2013002120 A1 20140404; CN 103402483 A 20131120; CN 103402483 B 20151125; EP 2667838 A1 20131204; EP 2667838 B1 20141231; ES 2531146 T3 20150311; HK 1191847 A1 20140808; JP 2014506494 A 20140317; MX 2013008565 A 20130821; WO 2012101178 A1 20120802; WO 2012101178 A9 20121101; ZA 201305476 B 20141029

DOCDB simple family (application)

US 201213356180 A 20120123; AU 2012210586 A 20120125; BR 112013018834 A 20120125; CA 2825251 A 20120125; CL 2013002120 A 20130724; CN 201280010886 A 20120125; EP 12703005 A 20120125; EP 2012051153 W 20120125; ES 12703005 T 20120125; HK 14105229 A 20140604; JP 2013550869 A 20120125; MX 2013008565 A 20120125; ZA 201305476 A 20130719