

Title (en)

FLUID TRANSFER HOSE MANIPULATOR AND METHOD OF TRANSFERRING A FLUID

Title (de)

MANIPULATOR EINES FLÜSSIGKEITSÜBERTRAGUNGSSCHLAUCHES UND VERFAHREN ZUR FLÜSSIGKEITSÜBERTRAGUNG

Title (fr)

MANIPULATEUR DE TUYAU DE TRANSFERT DE FLUIDES ET PROCÉDÉ DE TRANSFERT DE FLUIDES

Publication

**EP 2773555 B1 20170118 (EN)**

Application

**EP 12779079 A 20121101**

Priority

- EP 11187600 A 20111103
- EP 2012071664 W 20121101
- EP 12779079 A 20121101

Abstract (en)

[origin: WO2013064601A1] A fluid transfer hose manipulator (1) is presented having an articulated arm (100) having a plurality of arm sections (110). A first arm section (110a) of the plurality of arm sections (110) and a second arm section (110b) of the plurality of arm sections are connected to each other by a first pivot joint (130a). A base (220) supports the first arm section (110a). At least one flexible hose (150) for fluid transfer extends movably along at least the first and second arm sections, and is directed and supported by at least two hose guides (140). At least one hose tensioner (160) is in contact with the flexible hose to adjust the tension on the at least one flexible hose (150).

IPC 8 full level

**B63B 27/24** (2006.01)

CPC (source: EP US)

**B63B 27/24** (2013.01 - EP US); **B65B 3/04** (2013.01 - 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)

**WO 2013064601 A1 20130510**; AU 2012331158 A1 20140424; AU 2012331158 B2 20160512; CN 103906681 A 20140702; CN 103906681 B 20161005; EP 2773555 A1 20140910; EP 2773555 B1 20170118; KR 20140092875 A 20140724; US 2014318666 A1 20141030

DOCDB simple family (application)

**EP 2012071664 W 20121101**; AU 2012331158 A 20121101; CN 201280053469 A 20121101; EP 12779079 A 20121101; KR 20147015115 A 20121101; US 201214355752 A 20121101