

Title (en)

METHOD AND APPARATUS FOR AUTOMATED CONNECTION OF A FLUID CONDUIT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUTOMATISIERTEN VERBINDUNG EINER FLUIDLEITUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE RACCORDEMENT AUTOMATIQUE D'UN CONDUIT DE FLUIDE

Publication

EP 3642447 A1 20200429 (EN)

Application

EP 18735388 A 20180615

Priority

- US 201715631068 A 20170623
- GB 2018051668 W 20180615

Abstract (en)

[origin: WO2018234764A1] A connection assembly (10) for automated lifting and positioning of a chiksan (110) or other fluid conduit in proximity to a fluid inlet (60) of a device such as, for example, a cement (100) or hydraulic fracturing head. Once a chiksan or other flow line is positioned in a desired location, a secure connection is made between the outlet of the chiksan or other fluid conduit and the fluid inlet including, without limitation, when the device is positioned at an elevated location above a rig floor.

IPC 8 full level

E21B 33/05 (2006.01); **E21B 19/00** (2006.01); **E21B 21/02** (2006.01)

CPC (source: EP)

E21B 19/008 (2013.01); **E21B 21/02** (2013.01); **E21B 33/05** (2013.01)

Citation (search report)

See references of WO 2018234764A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018234764 A1 20181227; AU 2018287976 A1 20200116; AU 2018287976 B2 20220707; BR 112019027274 A2 20200714; BR 112019027274 B1 20220215; EP 3642447 A1 20200429; EP 3642447 B1 20210818

DOCDB simple family (application)

GB 2018051668 W 20180615; AU 2018287976 A 20180615; BR 112019027274 A 20180615; EP 18735388 A 20180615