Title (en)

INJECTOR AND SLIP BOWL SYSTEM

Title (de)

INJEKTOR- UND KÜVETTENSYSTEM

Title (fr)

SYSTÈME D'INJECTEUR ET DE CUVE DE GLISSEMENT

Publication

EP 3039221 A4 20170426 (EN)

Application

EP 13897805 A 20131119

Priority

US 2013070670 W 20131119

Abstract (en)

[origin: WO2015076775A1] Methods and systems for moving a tubular member in and out of a well are disclosed. An injector and slip bowl system includes an injector apparatus. The injector apparatus includes a support structure and an injector located above the support structure. The injector includes a base and a carriage extending upward from the base and coupled to the base. The injector also includes a gripper chain system mounted in the carriage. The gripper chain system includes one or more gripper chains and one or more linear beams supporting the one or more gripper chains. The injector apparatus further includes a lifting means coupled to the support structure and a slip bowl assembly coupled to the support structure and located below the injector base.

IPC 8 full level

E21B 19/08 (2006.01); **E21B 19/22** (2006.01); **E21B 33/035** (2006.01)

CPC (source: EP US)

E21B 17/20 (2013.01 - US); **E21B 19/086** (2013.01 - EP US); **E21B 19/22** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2009272520 A1 20091105 - HUG ROBERT L [CA], et al
- [YA] US 6719043 B2 20040413 - AUSTBO LARRY L [US], et al
- See references of WO 2015076775A1

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 2015076775 A1 20150528; AU 2013405898 A1 20160421; BR 112016007645 A2 20170801; CA 2927570 A1 20150528; EP 3039221 A1 20160706; EP 3039221 A4 20170426; MX 2016003910 A 20161028; SG 11201602716S A 20160530; US 2016251917 A1 20160901

DOCDB simple family (application)

US 2013070670 W 20131119; AU 2013405898 A 20131119; BR 112016007645 A 20131119; CA 2927570 A 20131119; EP 13897805 A 20131119; MX 2016003910 A 20131119; SG 11201602716S A 20131119; US 201315030492 A 20131119