

Title (en)
SUBSEA STRUCTURE FLOWLINE CONNECTOR ASSEMBLY

Title (de)
FLUSSLEITUNGS-VERBINDERANORDNUNG FÜR EINE UNTERWASSERSTRUKTUR

Title (fr)
ENSEMBLE RACCORD DE CONDUITE D'ÉCOULEMENT DE STRUCTURE SOUS-MARINE

Publication
EP 2791461 A4 20160803 (EN)

Application
EP 12858293 A 20121211

Priority
• US 201113316907 A 20111212
• SG 2012000466 W 20121211

Abstract (en)
[origin: US2013146301A1] A subsea structure flowline connection assembly has a subsea structure with a flowline therein, a junction plate affixed to the subsea structure so as to support a flowline connector thereon, a receptacle affixed to or adjacent to the junction plate, and a fly-in connector assembly having a connector thereon. The connector of the fly-in connector assembly being engaged with the flowline connector of the junction plate. The fly-in connector assembly having a flow passageway in communication with the connector of the fly-in connector assembly. The receptacle has at least one slot formed therein. The fly-in connector assembly has an insert member slidably received by the slot. The fly-in connector assembly has an actuator coupled to the connector thereof so as to allow an ROV to rotate an end effector so as to move the connector of the fly-in connector assembly toward the flowline connector.

IPC 8 full level
E21B 43/013 (2006.01); **E21B 33/038** (2006.01)

CPC (source: EP US)
E21B 43/013 (2013.01 - EP US)

Citation (search report)
• [X1] US 5730551 A 19980324 - SKEELS HAROLD BRIAN [US], et al
• [X1] US 2011005764 A1 20110113 - BEKKEVOLD KNUT HAAVARD [NO]
• [A] GB 2063390 A 19810603 - MCEVOY OILFIELD EQUIPMENT CO
• [A] US 2007009328 A1 20070111 - BASTESEN ROLF [NO], et al
• See references of WO 2013089643A1

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 2013146301 A1 20130613; AU 2012353016 A1 20140313; AU 2012353016 B2 20170914; EP 2791461 A1 20141022;
EP 2791461 A4 20160803; EP 2791461 B1 20180221; NO 2831105 T3 20180106; SG 192628 A1 20130930; WO 2013089643 A1 20130620;
WO 2013090388 A1 20130620

DOCDB simple family (application)
US 201113316907 A 20111212; AU 2012353016 A 20121211; EP 12858293 A 20121211; NO 13768513 A 20130328;
SG 2012000466 W 20121211; SG 2013059506 A 20121211; US 2012069182 W 20121212