Title (en)

EXPLOSIVE DISCONNECT

Title (de)

EXPLOSIVE TRENNUNG

Title (fr)

DÉCONNEXION EXPLOSIVE

Publication

EP 3551837 A4 20200729 (EN)

Application

EP 17877949 A 20171023

Priority

- US 201662431455 P 20161208
- US 2017057826 W 20171023

Abstract (en)

[origin: WO2018106347A1] A coupling system includes a lower marine riser package having a connector at a bottom end and at least one blowout preventer pressure control element coupled to a wellhead and having a connector at an upper end. Explosively frangible fasteners are used to couple the connector on the lower marine riser package to the connector on the at least one blowout preventer pressure control element. A method for separating a lower marine riser package from a blowout preventer coupled to a subsea wellhead includes closing a least one pressure control element in the blowout preventer. At least one explosively frangible fastener coupling the blowout preventer to the lower marine riser package is detonated. The lower marine riser package is then lifted from the blowout preventer.

IPC 8 full level

E21B 33/035 (2006.01); **E21B 7/12** (2006.01); **E21B 29/12** (2006.01); **E21B 33/038** (2006.01); **E21B 33/06** (2006.01); **E21B 33/064** (2006.01); **E21B 43/01** (2006.01)

CPC (source: EP US)

E21B 33/038 (2013.01 - EP US); **E21B 33/064** (2013.01 - EP); E21B 33/061 (2013.01 - US)

Citation (search report)

- [Y] US 2015308211 A1 20151029 - FLEMING KENTON [US]
- [Y] US 2011303416 A1 20111215 - HERMAN II JOHN WAYNE [US]
- [A] WO 2013116120 A1 20130808 - ABEL LEO WILLIAM [US]
- See also references of WO 2018106347A1

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 2018106347 A1 20180614; AU 2017370435 A1 20190620; AU 2017370435 B2 20201022; BR 112019010243 A2 20190903; BR 112019010243 B1 20230214; CA 3045336 A1 20180614; CA 3045336 C 20210309; CN 110036178 A 20190719; EP 3551837 A1 20191016; EP 3551837 A4 20200729; US 2019338614 A1 20191107

DOCDB simple family (application)

US 2017057826 W 20171023; AU 2017370435 A 20171023; BR 112019010243 A 20171023; CA 3045336 A 20171023; CN 201780075281 A 20171023; EP 17877949 A 20171023; US 201916434215 A 20190607