

Title (en)

EMERGENCY SHUTDOWN AND DISCONNECT OF SUBSEA TOOLS USING ORIENTATION

Title (de)

NOTABSCHALTUNG UND -TRENNUNG VON UNTERWASSERWERKZEUGEN MITHILFE DER AUSRICHTUNG

Title (fr)

ARRÊT ET DÉCONNEXION D'URGENCE ET OUTILS SOUS-MARINS AU MOYEN DE L'ORIENTATION

Publication

**EP 3379020 A1 20180926 (EN)**

Application

**EP 18150292 A 20180104**

Priority

US 201715399005 A 20170105

Abstract (en)

Initiating an emergency shutdown and disconnect (ESD) sequence for subsea well systems includes measuring an angle of the tubular member (22) with respect to vertical using a sensor (96) that is coupled to the tubular member (22). It will also be determined by a controller (48) whether the angle exceeds a predetermined threshold for a predetermined amount of time. The ESD sequence is initiated when the angle exceeds the predetermined threshold for the predetermined amount of time.

IPC 8 full level

**E21B 17/01** (2006.01); **E21B 33/035** (2006.01); **E21B 47/02** (2006.01)

CPC (source: EP US)

**E21B 17/01** (2013.01 - EP US); **E21B 33/0355** (2013.01 - EP US); **E21B 33/064** (2013.01 - US); **E21B 47/001** (2020.05 - EP US); **E21B 47/02** (2013.01 - EP US)

Citation (search report)

- [I] US 5978739 A 19991102 - STOCKTON THOMAS R [US]
- [I] WO 2014210435 A1 20141231 - SCHLUMBERGER CA LTD [CA], et al
- [A] US 2006065401 A1 20060330 - ALLEN JOHN [US], et al

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)

**US 2018187506 A1 20180705**; EP 3379020 A1 20180926

DOCDB simple family (application)

**US 201715399005 A 20170105**; EP 18150292 A 20180104