

Title (en)
AN APPARATUS, SYSTEM AND METHOD FOR ACTUATING DOWNHOLE TOOLS IN SUBSEA DRILLING OPERATIONS

Title (de)
VORRICHTUNG, SYSTEM UND VERFAHREN ZUR BETÄTIGUNG VON BOHRLOCHWERKZEUGEN BEI UNTERWASSERBOHROPERATIONEN

Title (fr)
APPAREIL, SYSTÈME ET PROCÉDÉ POUR ACTIONNER DES OUTILS DE FOND DE FORAGE DANS DES OPÉRATIONS DE FORAGE SOUS-MARINES

Publication
EP 2864589 A4 20160323 (EN)

Application
EP 13807163 A 20130612

Priority
• AU 2012902644 A 20120622
• AU 2013000625 W 20130612

Abstract (en)
[origin: WO2013188903A1] A downhole logging tool and method of use for analysing portions of a seafloor borehole in seafloor drilling operations are provided. The downhole logging tool has an underwater chassis housing a power system and sensors including at least a conductivity sensor and a magnetic susceptibility sensor which, preferably, analyse the walls of the borehole. An automatically actuated switch, preferably actuated magnetically, provides power to the sensors from the power system when the downhole logging tool is not located in a designated portion of a seafloor drilling rig (e.g. when the tool is in use traversing a borehole) and removes power when the downhole logging tool is located in the designated portion of the seafloor drilling rig (e.g. when the downhole tool is not in use).

IPC 8 full level
E21B 47/00 (2012.01); **E21B 23/02** (2006.01); **E21B 33/076** (2006.01); **E21B 41/00** (2006.01); **G01V 3/26** (2006.01)

CPC (source: CN EP KR US)
E21B 23/02 (2013.01 - EP US); **E21B 41/0007** (2013.01 - CN EP KR US); **E21B 41/04** (2013.01 - KR); **E21B 47/001** (2020.05 - EP KR US); **E21B 47/01** (2013.01 - CN EP KR US); **E21B 47/07** (2020.05 - US); **G01V 3/26** (2013.01 - KR); **G01V 3/26** (2013.01 - CN EP US)

Citation (search report)
• [IY] WO 2006076758 A1 20060727 - BENTHIC GEOTECH PTY LTD [AU], et al
• [Y] US 2625583 A 19530113 - BRODING ROBERT A
• [Y] WO 0017488 A1 20000330 - SHELL INT RESEARCH [NL], et al
• [Y] WO 2008033738 A2 20080320 - THRUBIT LLC [US]
• [A] US 4551681 A 19851105 - SEELEY ROBERT L [US]
• [A] GB 2365895 B 20020626 - SCHLUMBERGER HOLDINGS [VG]
• See references of WO 2013188903A1

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 2013188903 A1 20131227; AU 2013277920 A1 20141113; CN 104334830 A 20150204; EP 2864589 A1 20150429; EP 2864589 A4 20160323; JP 2015520313 A 20150716; KR 20150031412 A 20150324; US 2015337643 A1 20151126

DOCDB simple family (application)
AU 2013000625 W 20130612; AU 2013277920 A 20130612; CN 201380026842 A 20130612; EP 13807163 A 20130612; JP 2015517554 A 20130612; KR 20147032234 A 20130612; US 201314410355 A 20130612