Title (en)
   RESUMING INTERRUPTED COMMUNICATION THROUGH A WELLBORE

Title (de)
   WIEDERAUFNAHME VON UNTERBROCHENER KOMMUNIKATION DURCH EIN BOHRLOCH

Title (fr)
   REPRISE D'UNE COMMUNICATION INTERROMPUE À TRAVERS UN PUITS DE FORAGE

Publication
   EP 2992170 A4 20160615 (EN)

Application
   EP 14792132 A 20140501

Priority
   • US 201361818175 P 20130501
   • US 2014036354 W 20140501

Abstract (en)
   [origin: WO2014179561A1] Resuming communication along a wellbore after a drilling stand or other occurrence that reduces the flow rate of
   the drilling fluid into a borehole being drilled in a drilling procedure or causes perturbations in the pressure of the drilling fluid in the borehole by
   measuring a first flow rate of drilling fluid being pumped into the drillstring during the drilling procedure before adding a section of drill pipe to the
   drillstring or before the pressure perturbation and increasing the flow rate of the drilling fluid being pumped into the drillstring above the first flow rate
   after the section of drill pipe has been added to the drillstring or the pressure perturbation has occurred.

IPC 8 full level
   E21B 21/08 (2006.01); **E21B 47/06** (2012.01); **E21B 47/18** (2012.01)

CPC (source: EP US)
   E21B 21/08 (2013.01 - EP US); **E21B 47/06** (2013.01 - EP US); **E21B 47/18** (2013.01 - EP US)

Citation (search report)
   • [XI] US 2010084192 A1 20100408 - JEFFRYES BENJAMIN [GB]
   • [XA] US 2009139767 A1 20090604 - JEFFRYES BENJAMIN P [GB]
   • [A] US 2003168258 A1 20030911 - KOEDERITZ WILLIAM L [US]
   • [A] US 2012285744 A1 20121115 - BERNARD CHRISTOPHER J [US]
   • [A] WO 2007124330 A2 20071101 - AT BALANCE AMERICAS LLC [US]
   • See references of WO 2014179561A1

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)
   WO 2014179561 A1 20141106; EA 201592080 A1 20160531; EP 2992170 A1 20160309; EP 2992170 A4 20160615;
   MX 2015015169 A 20160225; US 2016090800 A1 20160331

DOCDB simple family (application)
   US 2014036354 W 20140501; EA 201592080 A 20140501; EP 14792132 A 20140501; MX 2015015169 A 20140501;
   US 201414888436 A 20140501