

Title (en)
DYNAMICALLY AUTOMATED ADJUSTABLE DOWNHOLE CONVEYANCE TECHNIQUE FOR AN INTERVENTIONAL APPLICATION

Title (de)
DYNAMISCH AUTOMATISIERTE, ANPASSBARE BOHRLOCHFÖRDERTECHNIK FÜR EINE INTERVENTIONELLE ANWENDUNG

Title (fr)
TECHNIQUE DE TRANSPORT DE FOND DYNAMIQUEMENT AUTOMATISÉE DESTINÉE À UNE APPLICATION D'INTERVENTION

Publication
EP 3161242 A4 20171213 (EN)

Application
EP 14895956 A 20140627

Priority
US 2014044572 W 20140627

Abstract (en)
[origin: WO2015199720A1] A method for conveying an interventional tool downhole in a substantially self-piloting fashion. The method includes moving the tool in the well while using a communicative conveyance line coupled to a winch at the oilfield surface. Thus, real-time readings regarding downhole tool speed, line tension, etc. may be analyzed at surface and utilized to adjust the moving of the tool in an ongoing feedback loop. As a result, the adjustments are made based on true circumstances downhole as opposed to surface-based readings which may otherwise be less accurate. Therefore, efficiency of the operations may be maximized, operator time freed and the likelihood of catastrophic line based failures reduced.

IPC 8 full level
E21B 23/14 (2006.01); **E21B 44/00** (2006.01)

CPC (source: EP US)
E21B 19/008 (2013.01 - US); **E21B 23/00** (2013.01 - US); **E21B 23/001** (2020.05 - EP); **E21B 23/14** (2013.01 - EP US); **E21B 23/001** (2020.05 - US); **E21B 47/06** (2013.01 - US); **E21B 47/07** (2020.05 - US)

Citation (search report)

- [X] WO 2014099723 A1 20140626 - SCHLUMBERGER CA LTD [CA], et al
- [X] US 4282523 A 19810804 - YOUNG ARTHUR H
- [X] US 2013138254 A1 20130530 - SEALS EDDIE [US], et al
- [A] US 2014174725 A1 20140626 - DALVI NIKHIL [US], et al
- See references of WO 2015199720A1

Cited by
US11118425B2

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 2015199720 A1 20151230; EP 3161242 A1 20170503; EP 3161242 A4 20171213; US 2017145760 A1 20170525

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