

Title (en)
AUTOMATIC WELLBORE SURVEY EVALUATION

Title (de)
AUTOMATISCHE BOHRLOCHUNTERSUCHUNGS-AUSWERTUNG

Title (fr)
ÉVALUATION AUTOMATIQUE DE SISMIQUE DE Puits de forage

Publication
EP 2978933 A4 20161130 (EN)

Application
EP 14772935 A 20140324

Priority
• US 201361806356 P 20130328
• US 2014031546 W 20140324

Abstract (en)
[origin: WO2014160629A1] A method for automatically evaluating a survey of a subterranean wellbore includes receiving downhole navigation sensor measurements and automatically evaluating surface sensor data obtained at substantially the same time as the navigation sensor measurements to determine whether or not the navigation sensor measurements were obtained during satisfactory wellbore survey conditions. The navigation sensor measurements are evaluated to determine whether or not they meet certain predetermined conditions necessary for obtaining a satisfactory survey. A survey recommendation is automatically generating based on the automatic evaluations performed.

IPC 8 full level
E21B 44/00 (2006.01); **E21B 47/001** (2012.01); **E21B 47/022** (2012.01)

CPC (source: EP RU US)
E21B 44/00 (2013.01 - EP US); **E21B 47/00** (2013.01 - RU); **E21B 47/022** (2013.01 - EP US); **E21B 47/024** (2013.01 - RU US)

Citation (search report)
• [A] US 2009173538 A1 20090709 - ESTES ROBERT A [US], et al
• [A] US 5842149 A 19981124 - HARRELL JOHN W [US], et al
• [A] US 5623407 A 19970422 - BROOKS ANDREW G [US]
• See references of WO 2014160629A1

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 2014160629 A1 20141002; EP 2978933 A1 20160203; EP 2978933 A4 20161130; RU 2613688 C1 20170321; US 2016003028 A1 20160107

DOCDB simple family (application)
US 2014031546 W 20140324; EP 14772935 A 20140324; RU 2015146029 A 20140324; US 201414763519 A 20140324