

(21) Application No: 0910949.7
(22) Date of Filing: 29.01.2008
(30) Priority Data:
(31) 60897942 (32) 29.01.2007 (33) US
(31) 60920014 (32) 26.03.2007 (33) US
(31) 12021258 (32) 28.01.2008 (33) US
(86) International Application Data:
PCT/US2008/052360 En 29.01.2008
(87) International Publication Data:
WO2008/094944 En 07.08.2008

(51) INT CL:
E21B 47/00 (2006.01) E21B 43/00 (2006.01)
E21B 44/00 (2006.01) E21B 49/00 (2006.01)
(56) Documents Cited by ISA:
US 6975112 B2 US 20040111215 A1
US 20040040745 A1 US 20030220742 A1
(58) Field of Search by ISA:
INT CL E21B, G01V
Other: eKIPASS (KIPO internal)

(71) Applicant(s):
LOGINED B.V
(Incorporated in the Netherlands)
Gevers Deynootweg 61, 2586 BJ S'Gravenhage,
Netherlands

(continued on next page)

(54) Abstract Title: **System and method for performing oilfield drilling operations using visualization techniques**

(57) The invention relates to a method of performing a drilling operation for an oilfield, which has a subterranean formation with geological structures and reservoirs. The method includes collecting oilfield data, at least a portion of the oilfield data being generated from a wellsite of the oilfield, selectively manipulating the oilfield data for real-time analysis according to a defined configuration, comparing the real-time drilling data with oilfield predictions based on the defined configuration, and selectively adjusting the drilling operation based on the comparison.

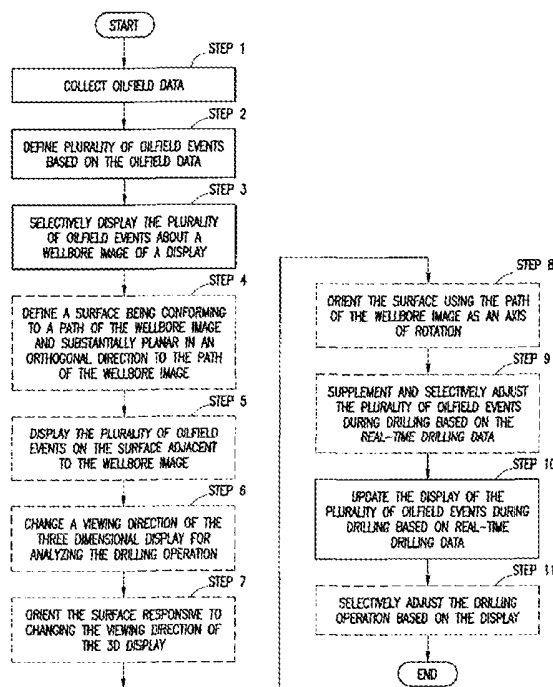


FIG. 11

GB 2460189 A

GB 2460189 A continuation

(72) Inventor(s):
Dmitriy Repin
Vivek Singh
Clinton D Chapman
Jim Brannigan

(74) Agent and/or Address for Service:
Sensa
Gamma House, Chilworth Science Park,
SOUTHAMPTON, SO16 7NS, United Kingdom