

(51) International Patent Classification:
G01V 1/30 (2006.01)(21) International Application Number:
PCT/IB2015/000548(22) International Filing Date:
26 March 2015 (26.03.2015)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/971,569 28 March 2014 (28.03.2014) US(71) Applicant: CGG SERVICES SA [FR/FR]; 27, avenue
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Centralis, 63 Avenue du Général Leclerc, 92340 Bourg-la-
Reine (FR).(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ,
TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU,
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

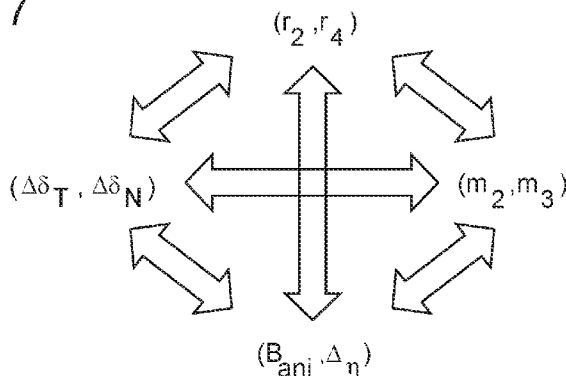
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
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(88) Date of publication of the international search report:

17 December 2015

(54) Title: METHOD AND APPARATUS FOR CHARACTERIZING AZIMUTHAL ANISOTROPY USING STATISTICAL MOMENTS

Fig. 7



(57) Abstract: A method for evaluating anisotropy parameters using statistical moments calculates second and third central moments using reflectivity values associated with pairs of incidence and azimuth angles. The method further determines tangential and normal weaknesses for the location using the calculated second and third central moments for different incident angles. Linear and non-linear inversions of statistical moments are used to estimate the fracture weaknesses, anisotropic gradient (biased and unbiased), anellipticity variation and unambiguous orientation.

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/000548

A. CLASSIFICATION OF SUBJECT MATTER
INV. G01V1/30
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/222370 A1 (DOWNTON JON [CA] ET AL) 15 September 2011 (2011-09-15) cited in the application	1-7, 10-17,20
Y	paragraphs [0007], [0010] - [0012], [0016], [0061], [0064] - [0067], [0100], [0108]; figure 6 -----	8,9,18, 19
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Date of the actual completion of the international search

20 October 2015

Date of mailing of the international search report

02/11/2015

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/000548

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 2012/090834 A1 (IMHOF MATTHIAS [US] ET AL) 19 April 2012 (2012-04-19) paragraphs [0022] - [0025], [0042] - [0044], [0061], [0063], [0068]; claim 5 -----	1-20
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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