



(51) International Patent Classification:
G01V 1/36 (2006.01)

(21) International Application Number:
PCT/EP2014/050485

(22) International Filing Date:
13 January 2014 (13.01.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/751,553 11 January 2013 (11.01.2013) US

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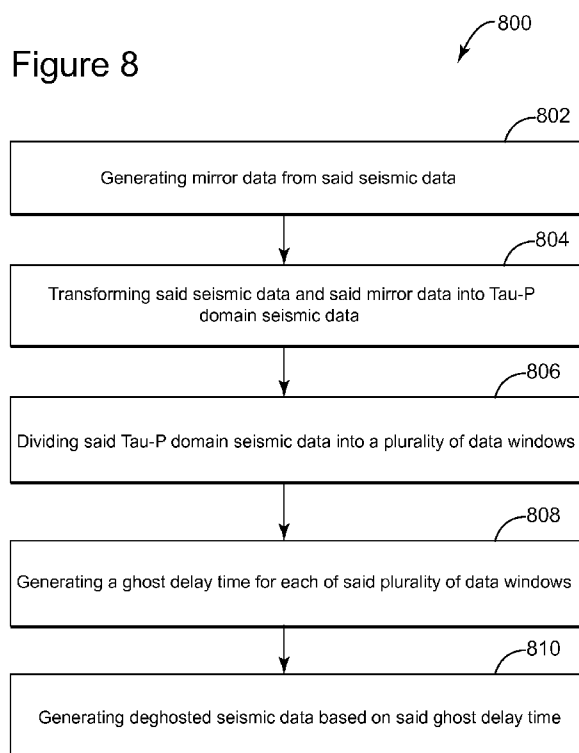
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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,

[Continued on next page]

(54) Title: PREMIGRATION DEGHOSTING FOR MARINE STREAMER DATA USING A BOOTSTRAP APPROACH IN TAU-P DOMAIN

Figure 8



(57) Abstract: Methods and systems for optimized receiver-based ghost filter generation are described. The optimized ghost filter self-determines its parameters based on an iterative calculation of recorded data transformed from a time-space domain to a Tau-P domain. An initial ghost filter prediction is made based on generating mirror data from the recorded data and using a least squares technique during a premigration stage.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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— 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 amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

4 September 2014

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2014/050485

A. CLASSIFICATION OF SUBJECT MATTER
 INV. G01V1/36
 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.
Y	PING WANG ET AL.: "Premigration deghosting for marine towed streamer data using a bootstrap approach", SEG LAS VEGAS ANNUAL MEETING, 2012, pages 1-5, XP002726285, cited in the application the whole document	1-20
Y	----- EP 2 395 374 A1 (CGGVERITAS SERVICES SA [FR]) 14 December 2011 (2011-12-14) paragraphs [0017], [0060] - [0067] -----	1-20
A	US 6 832 161 B1 (MOORE IAN [US]) 14 December 2004 (2004-12-14) column 3, line 12 - line 35 ----- -/-	1-20



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

26 June 2014

Date of mailing of the international search report

08/07/2014

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INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2014/050485

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DAN EBROM ET AL: "Facilitating technologies for permanently instrumented oil fields", THE LEADING EDGE, SOCIETY OF EXPLORATION GEOPHYSICISTS, US, vol. 19, no. 3, 1 March 2000 (2000-03-01), pages 282-285, XP002590895, ISSN: 1070-485X the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2014/050485

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