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- (71) **Applicant:** CGG SERVICES SA [FR/FR]; 27, avenue Carnot, F-91300 Massy (FR).
- (72) **Inventor:** MEECH, Michael; c/o CGG Services SA, 27, avenue Carnot, F-91300 Massy (FR).
- (74) **Agent:** REGIMBEAU; 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
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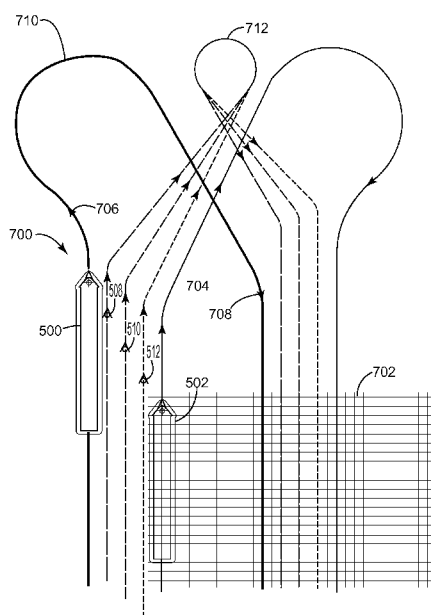
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

[Continued on next page]

- (54) **Title:** MARINE SEISMIC PATTERNS FOR COORDINATED TURNING OF TOWING VESSELS AND METHODS THEREFOR

Figure 7(a)



(57) **Abstract:** Methods for performing marine seismic surveys are disclosed. Survey lines can be traversed and the survey vessels can be turned by following determined turn paths which are based on a number of factors including, whether they are source or streamer vessels, the length of towed equipment, a turn radius, and/or other factors. Such methods can be applied using various seismic survey vessel configurations, e.g., a long-offset, diagonally-staggered configuration.

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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))*

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2014/062054

A. CLASSIFICATION OF SUBJECT MATTER
INV. G01V1/38
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	GB 2 491 957 A (CGGVERITAS SERVICES SA [FR]) 19 December 2012 (2012-12-19) the whole document	1-20
X	US 2007/165486 A1 (MOLDOVEANU NICOLAE [US] ET AL) 19 July 2007 (2007-07-19) the whole document	1-20
A	WO 02/073241 A1 (FLEMING RONALD STEPHEN [AU]) 19 September 2002 (2002-09-19) abstract; figures page 1 - page 2	1-20
A	WO 02/25315 A2 (WESTERNGECO LLC [US]) 28 March 2002 (2002-03-28) abstract; figures	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Scappazzoni, E

INTERNATIONAL SEARCH REPORT

Information on patent family members

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