

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 December 2001 (06.12.2001)

PCT

(10) International Publication Number
WO 01/92916 A3

(51) International Patent Classification⁷: **G01V 1/16**

(21) International Application Number: PCT/US01/16856

(22) International Filing Date: 24 May 2001 (24.05.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/584,437 31 May 2000 (31.05.2000) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,

DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

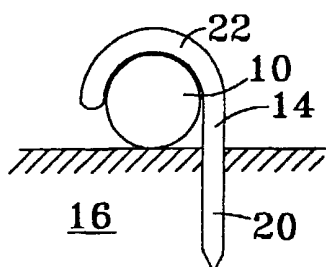
Published:
— with international search report

(88) Date of publication of the international search report:
16 May 2002

(15) Information about Correction:
Previous Correction:
see PCT Gazette No. 16/2002 of 18 April 2002, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SEISMIC GEOPHONE COUPLING SYSTEM



(57) Abstract: An apparatus and a method for anchoring a seismic geophone to soil. The apparatus comprises a base (14) having a base section (22) for engagement with the geophone (10). The base also has an anchor (20) end attachable to the soil to restrict movement of the geophone after said base section is engaged with the geophone and after said anchor end is attached to the soil. A latch (32) can detachably secure the base section to the geophone or to a seismic cable (12) attached to the geophone, and the base can comprise a biodegradable material. The method of the invention attaches the base anchor end to the soil so that the base section engages the geophone to restrict movement of the geophone from the desired location relative to the soil.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/16856

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01V1/16

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)

IPC 7 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 practical, 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	EP 0 495 275 A (WESTERN ATLAS INT INC) 22 July 1992 (1992-07-22) cited in the application column 3, line 23 - line 47; figures 2A,2B ---	1,3,9, 10,14
X	US 4 138 658 A (AVEDIK FELIX ET AL) 6 February 1979 (1979-02-06) column 3, line 54 -column 4, line 8; claim 1; figure 2 ---	1,3,9
A	---	10,13-15
X	US 5 189 642 A (DONOHO PAUL L ET AL) 23 February 1993 (1993-02-23) column 8, line 45 - line 64; figure 6 ---	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *G* document member of the same patent family

Date of the actual completion of the international search

28 November 2001

Date of mailing of the international search report

04/12/2001

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/16856

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 95 20770 A (SOLUTION MANAGEMENT LTD ;HOLMES STEVEN (GB)) 3 August 1995 (1995-08-03) page 21, line 31 -page 22, line 15 page 23, line 11 - line 31 figures 3,4,7</p> <p>----</p>	<p>1,3,4,9, 10,15, 17,18</p>
A	<p>US 4 087 035 A (HARMON EVERETTE) 2 May 1978 (1978-05-02) column 2, line 49 -column 3, line 17</p> <p>-----</p>	<p>5,6,19, 20</p>

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