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(54) Title: **VISUAL DATABASE FOR LINKING GEOGRAPHY TO SEISMIC DATA**

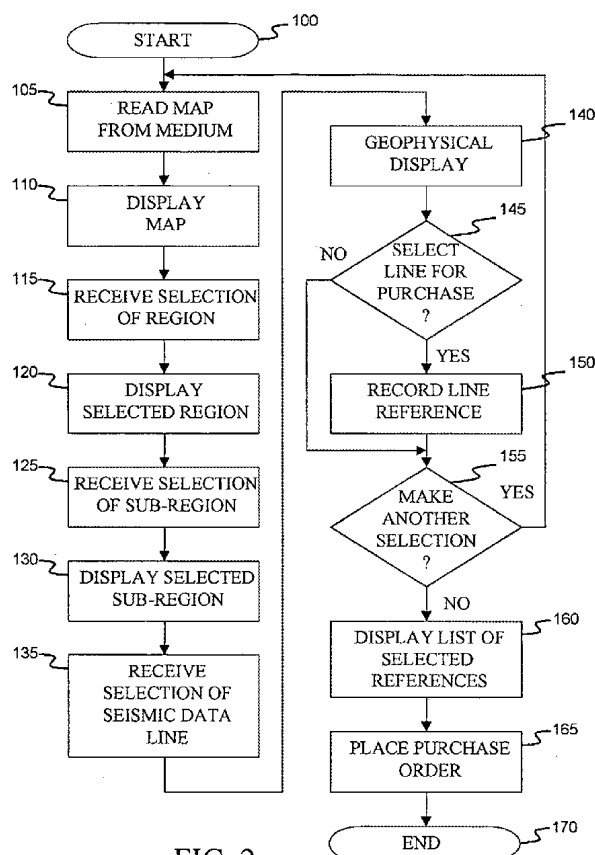


FIG. 2

(57) Abstract: A medium having a plurality of computer readable files relating to geophysical seismic data recorded thereon. The files include a map display having multiple levels of geographic detail (110) and including a plurality of surface seismic data lines. A plurality of compressed seismic data files is also included, each file producing a corresponding geophysical display (120) when its corresponding surface seismic data line is selected (115). The files also include a plurality of references to a plurality of full seismic data files. Each of the compressed seismic data files has less information content than its corresponding full seismic data file.



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A. CLASSIFICATION OF SUBJECT MATTER

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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)

U.S. : 705/26; 434/132; 707/7, 104.1

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)
Derwent; EPO**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,852,810 A (Sotiroff) 22 December 1998 (22.12.98)	1-20
A	US 5,999,882 A (Simpson) 7 December 1999 (07.12.99)	1-20
Y	US 4,870,576 A (Tornetta) 26 September 1989 (26.12.89), Abstract, column 7, lines 26-30, column 8, lines 23-31	1-20
Y	US 5,940,777 A (Keskes) 17 August 1999 (17.08.99), Abstract, Fig. 3, column 2, lines 15-33	1-20
Y	US 5,754,704 A (Barnsley) 19 May 1988 (19.05.88), col. 1, lines 32-39	6, 14, 17
Y	US 5,502,576 A (Ramsay) 26 March 1996 (26.03.96), Abstract	16



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