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(54) **Title:** CONTINUOUS SEISMIC ACQUISITION

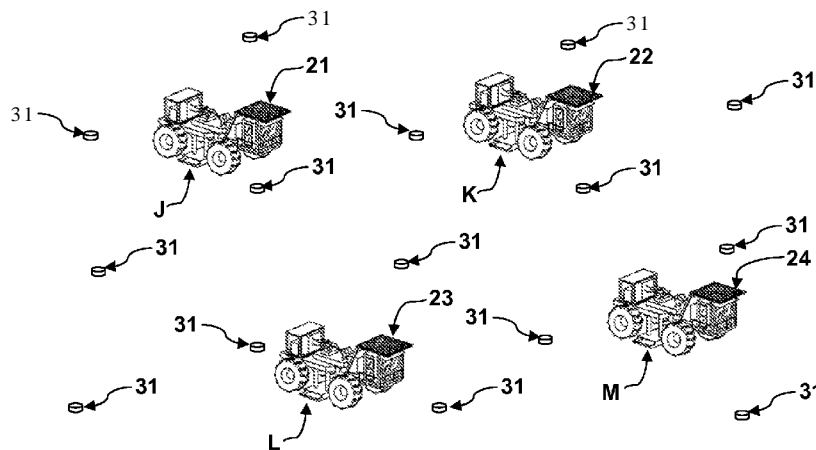


FIG. 1

(57) **Abstract:** The invention relates to a seismic acquisition process where multiple seismic sources (21,22,23,24) are used to acquire seismic energy using encoding so that all of the sources may deliver seismic energy at the same time where the sweeps are arranged to be back to back with no listen time and wherein a pseudo listen time that is un-contaminated is created in the composite data record. After the listen time is created, the composite data may be source separated for further processing and analysis.



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INTERNATIONAL SEARCH REPORT

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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)
 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 2003/163260 A1 (MOERIG RAINER [US] ET AL) 28 August 2003 (2003-08-28) abstract; claims 1,4; figures 1-3 paragraphs [0006], [0007], [0011], [0024] - [0028], [0038], [0046], [0049] -----	1-7
X	US 2006/164916 A1 (KROHN CHRISTINE E [US] ET AL) 27 July 2006 (2006-07-27) cited in the application abstract; figures 1,3,5 paragraphs [0002], [0009], [0011], [0015], [0027] - [0029], [0031], [0033] -----	1

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

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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 Fernandes, Paulo
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Information on patent family members

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