Title: COMBINING SEISMIC DATA FROM SENSORS TO ATTENUATE NOISE

Abstract: To perform noise attenuation for seismic surveying, a sensor assembly is deployed on a ground surface, where the sensor assembly has a seismic sensor to measure seismic waves propagated through a subterranean structure, and a divergence sensor comprising a pressure sensor to measure noise. First data is received from the seismic sensor, and second data is received from the divergence sensor. The first data and the second data are combined to attenuate noise in the first data.
A. CLASSIFICATION OF SUBJECT MATTER

G01V 1/26(2006.01)i, G01V 1/28(2006.01)1, G01V 1/36(2006.01)1

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 1/26; G01V 1/38; G01V 1/16; G01V 1/36; G01V 1/00

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)
eKOMPASS(KIPO internal) & "Keywords : seismic, divergence, pressure, sensor, attenuate, noise and similar terms"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>A</td>
<td>US 6314371 B1 (MONK, B. J.) 06 November 2001 See the whole document.</td>
<td>1-23</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search
26 APRIL 2011 (26.04.2011)

Date of mailing of the international search report
28 APRIL 2011 (28.04.2011)

Name and mailing address of the ISA/KR

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Facsimile No. 82-42-472-7140

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