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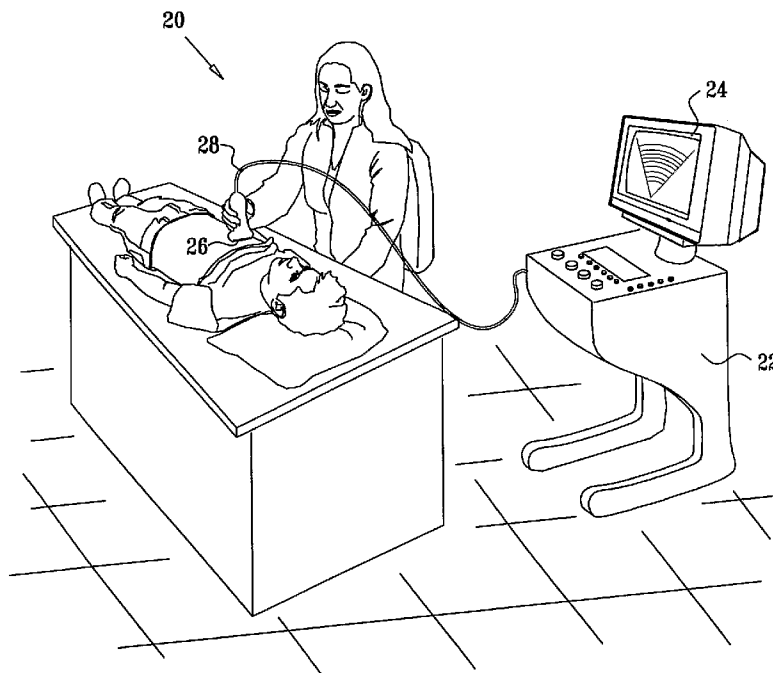
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(54) Title: CLUTTER SUPPRESSION IN ULTRASONIC IMAGING SYSTEMS



(57) Abstract: A method for ultrasonic imaging includes transmitting ultrasonic radiation toward a target and receiving the ultrasonic radiation reflected from a region of the target. A main reflected signal and an auxiliary reflected signal are defined. The reflected signals have different respective main and auxiliary beam patterns. A difference between the main reflected signal and the auxiliary reflected signal is taken, so as to generate an output signal containing a reduced level of clutter in comparison with the main reflected signal.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: G01S 7/285(2006.01);A61B 8/00(2006.01)

USPC: 342/159;600/443,454,455,456,457
 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. : 342/159;600/443,454,455,456,457

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 2003/0210179 A1 (DIZAJI et al) 13 November 2003 (13.11.2003), paragraphs ([0021, 0074-0076, 0102, 0140]). | 1-40 |
| A | US 6,126,604 A (BAE) 3 October 2000 (03.10.2000), entire document. | 1-40 |
| A | US 6,705,993 B2 (EBBINI et al) 16 March 2004 (16.03.2004), entire document. | 1-40 |

Further documents are listed in the continuation of Box C.

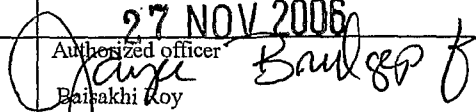
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