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(54) Title: METHOD AND SYSTEM FOR MONITORING THORACIC TISSUE FLUID

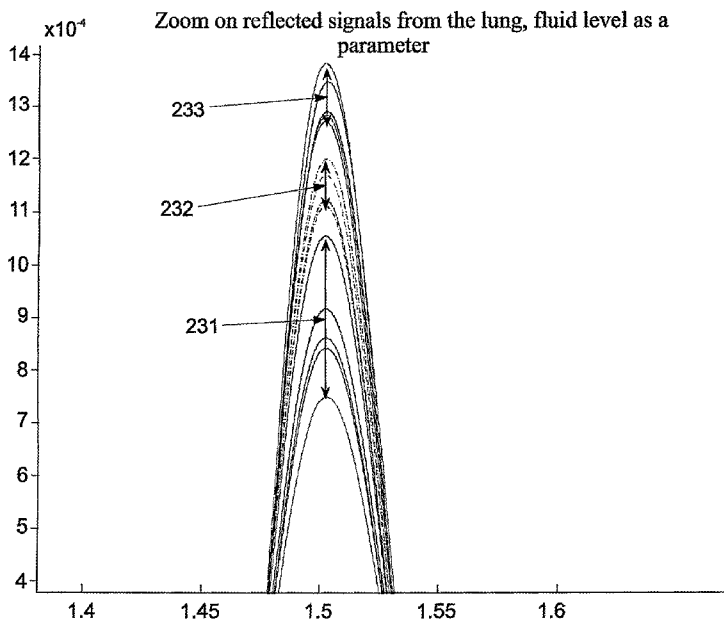


FIG. 2

(57) Abstract: A method for monitoring thoracic tissue. The method comprises intercepting reflections of electromagnetic (EM) radiation reflected from thoracic tissue of a patient in radiation sessions during a period of at least 24 hours, detecting a change of a dielectric coefficient of the thoracic tissue by analyzing respective the reflections, and outputting a notification indicating the change. The reflections are changed as an outcome of thoracic movements which occur during the period.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61B 5/05, 5/053 (2009.01) USPC - 600/407, 425, 475, 547 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) PatBase		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0177061 A1 (ALANEN et al) 11 August 2005 (11.08.2005) entire document	1-33
Y	US 2004/0186395 A1 (VASTANO) 23 September 2004 (23.09.2004) entire document	6, 7
Y	US 2006/0258952 A1 (STAHMANN et al) 16 November 2006 (16.11.2006) entire document	9-12, 15-18, 25-29, 31
A	US 4,240,445 A (ISKANDER et al) 23 December 1980 (23.12.1980) entire document	1-33
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