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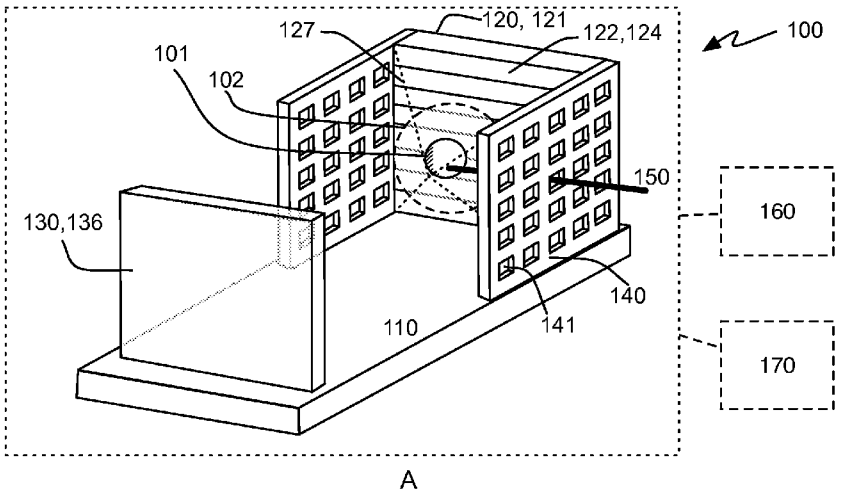
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(54) Title: SYSTEM AND METHOD FOR PERFORMING AN IMAGE-GUIDED BIOPSY



A

(57) Abstract: A system and method for performing an image-guided biopsy of a target mass of a volume of tissue comprising: a transducer array comprising a set of ultrasound emitters and a set of ultrasound receivers configured to generate a set of acoustic data based upon acoustic waveforms received from the volume of tissue, wherein the transducer array is configured to enable determination of a location of the target mass based on the set of acoustic data; a base proximate to the transducer array; a fixation plate coupled to the base and cooperating with the base and the transducer array to at least partially define an adjustable receiving space configured to receive the volume of tissue; and a guiding module coupled to the base and comprising an aperture configured to align a biopsy tool with the location of the target mass.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2013/040994

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A61B 8/00 (2013.01)
USPC - 600/437
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)
IPC(8) - A61B 8/00, 8/08, 10/02 (2013.01)
USPC - 600/407, 411, 437, 443, 461

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - A61B 8/0833, 8/406, 10/0233, 17/3403, 2019/205 (2013.01)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase, Google Patents, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 2009/0143674 A1 (NIELDS et al) 04 June 2009 (04.06.2009) entire document	1-5, 7,11-18, 21, 22 ---------- 6, 8-10, 19, 20
Y	US 2010/0331699 A1 (YU et al) 30 December 2010 (30.12.2010) entire document	6, 9, 19
Y	US 2008/0218743 A1 (STETTEN et al) 11 September 2008 (11.09.2008) entire document	8, 10
Y	US 2002/0099290 A1 (HADDAD) 25 July 2002 (25.07.2002) entire document	20

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Date of the actual completion of the international search	Date of mailing of the international search report
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