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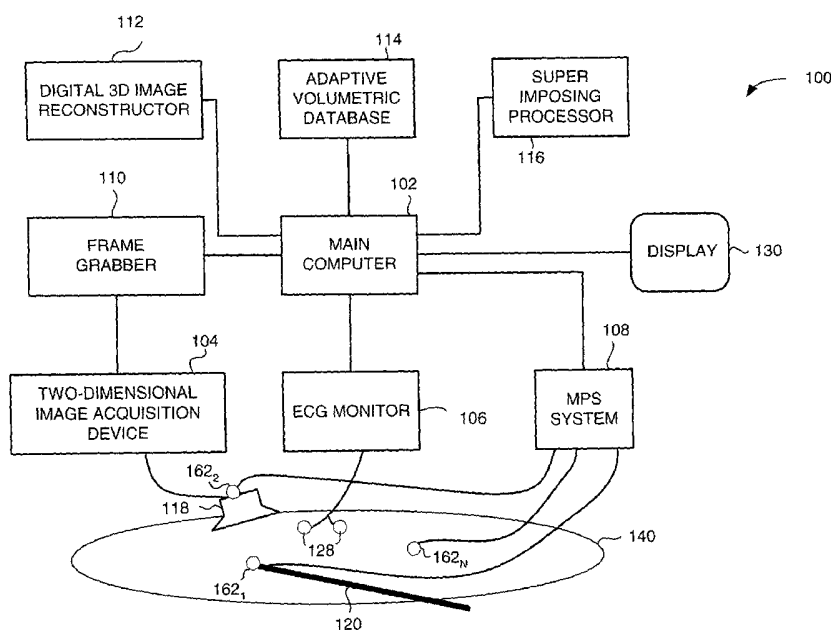
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[Continued on next page]

(54) Title: MEDICAL IMAGING AND NAVIGATION SYSTEM



(S7) Abstract: The three dimensional imaging system (100) includes, a main computer (102), a two-dimensional image acquisition device (104), an ECG monitor (106), a medical positioning system (MPS) (108), a frame grabber (110), a three dimensional image reconstructor (112), an adaptive volumetric database (114), a superimposing processor (116), a surgical tool (120), a plurality of MPS sensors (162(1)-162 (N)), and a display (130).



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INTERNATIONAL SEARCH REPORT

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PCT/IL02/00108

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 6/00

US CL : 600/427

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. : 600/424, 426, 427, 461, 439, 411, 442, 443; 606/130

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.
A, E	US 6,390,982 B1 (BOVA et al) 21 May 2002 (21.05.2002), see entire document.	1-289
A, E	US 6,405,072 B1 (COSMAN et al) 11 June 2002 (11.06.2002), see entire document.	1-289
A, E	US 6,216,029 B1 (PALTIELI et al) 10 April 2001 (10.04.2001), see entire document.	1-289

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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