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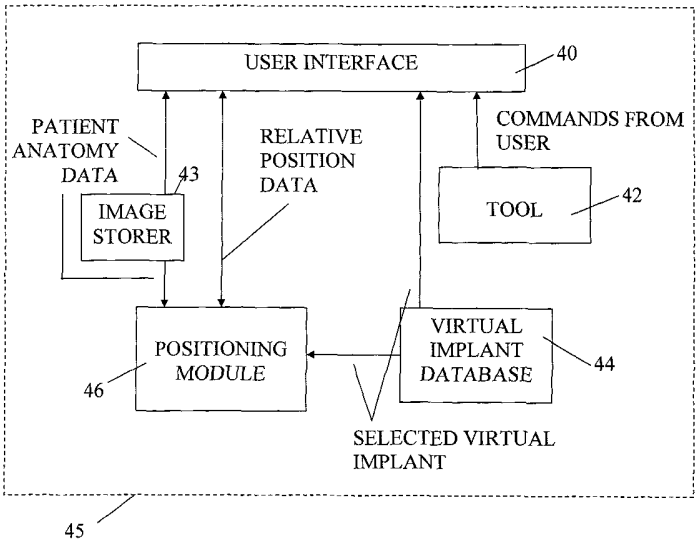
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(54) Title: COMPUTER AIDED SURGERY SYSTEM AND METHOD FOR PLACING MULTIPLE IMPLANTS



(57) Abstract: A method and an apparatus are described for placing multiple implants during a surgery, the apparatus comprising: a display for an image representing a patient's anatomy; a database of virtual implants from which a user selects; a tool for the user to manipulate in order to select the virtual implants from the database and place the virtual implants in the image at desired locations; and a positioning module for calculating a position of a first of the virtual implants with respect to a second of the virtual implants and allow the user to align the first and second virtual implants with respect to each other, for generating relative position data as a function of the calculated position, and for sending the relative position data to the display.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B

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 practical, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 100 57 023 A (SIEMENS AG) 6 June 2002 (2002-06-06) abstract column 4, line 25 - line 55; figure 1	1-26
Y	US 2002/038085 A1 (IMMERZ MARTIN) 28 March 2002 (2002-03-28) page 1, paragraph 11; figures 3,4,8	1-26
A	US 6 434 415 B1 (BUCHOLZ RICHARD D ET AL) 13 August 2002 (2002-08-13) abstract; figures 2,3	1,14

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Information on patent family members

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