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(54) Title: METHOD AND SYSTEM FOR X-RAY IMAGE GENERATION

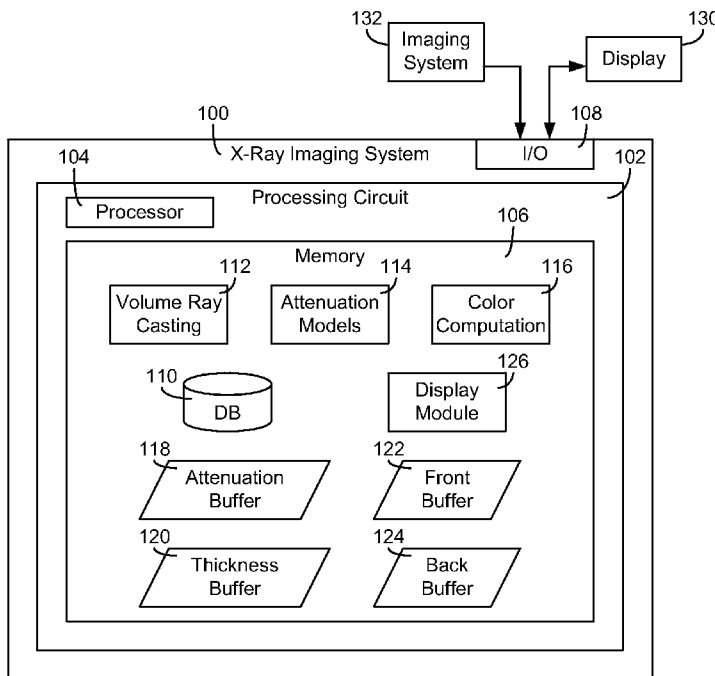


FIG. 1

(57) Abstract: A method of creating an image including providing three-dimensional image data of an anatomy, providing a model of a portion of the anatomy, and creating a virtual radiograph of a target portion of the anatomy using information from the image data and information from the model. The method may further include representing the portion of the anatomy in a modified state, wherein the modified state is a resected, translated, rotated, and/or otherwise modified portion of the anatomy. The method may further include adding a virtual image of a prosthetic device to the virtual radiograph. The virtual radiograph may be created by executing a ray casting process on the three-dimensional image data.

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G09B G06T
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)
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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.
X	US 2009/017430 A1 (MULLER-DANIELS HOLGER [DE] ET AL) 15 January 2009 (2009-01-15) abstract paragraph [0004] paragraphs [0013] - [0014] paragraph [0022] -----	1-42

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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US 2009017430	A1	NONE	15-01-2009