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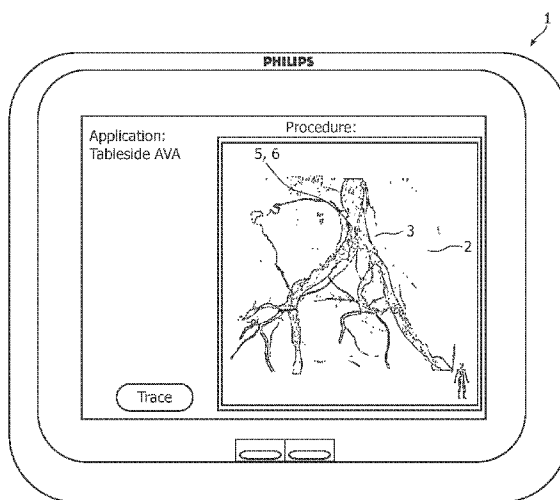
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(54) Title: METHOD OF PERFORMING TABLESIDE AUTOMATIC VESSEL ANALYSIS IN AN OPERATION ROOM



(57) Abstract: A method of performing an Automatic Vessel Analysis (AVA) in an Operation Room (OR) is presented. The method comprising the steps of: construction of an image of a vessel tree (3) out of a 3D Rotational Angiography (3D-RA) data set of an object's volume; displaying the image (9) at a screen (2) of a computer device (1); choosing a first vessel section of a vessel of the displayed vessel tree by touching the screen at a corresponding first location; choosing a second vessel section of the vessel by touching the screen at a corresponding second location; executing a vessel tracing function through a path of the vessel between the first vessel section and the second vessel section, wherein the shape of the vessel between the two vessel sections is analytically explored and displaying an image of the data corresponding to the shape of the vessel at the screen.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61B6/00

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)
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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>LUTZ AMELIE M ET AL: "Evaluation of aortoiliac aneurysm before endovascular repair: comparison of contrast-enhanced magnetic resonance angiography with multidetector row computed tomographic angiography with an automated analysis software tool."</p> <p>JOURNAL OF VASCULAR SURGERY : OFFICIAL PUBLICATION, THE SOCIETY FOR VASCULAR SURGERY [AND] INTERNATIONAL SOCIETY FOR CARDIOVASCULAR SURGERY, NORTH AMERICAN CHAPTER MAR 2003, vol. 37, no. 3, March 2003 (2003-03), pages 619-627, XP002482958 ISSN: 0741-5214 pages 620-623</p> <p style="text-align: center;">----- -/-</p>	1-7

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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P,X	US 2007/118024 A1 (CAPOLUNGI RENAUD [FR] ET AL) 24 May 2007 (2007-05-24)	1,4,5
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A	WO 03/034337 A (KONINKL PHILIPS ELECTRONICS NV [NL]; BRUIJNS JOHANNES [NL]) 24 April 2003 (2003-04-24)	

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Information on patent family members

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