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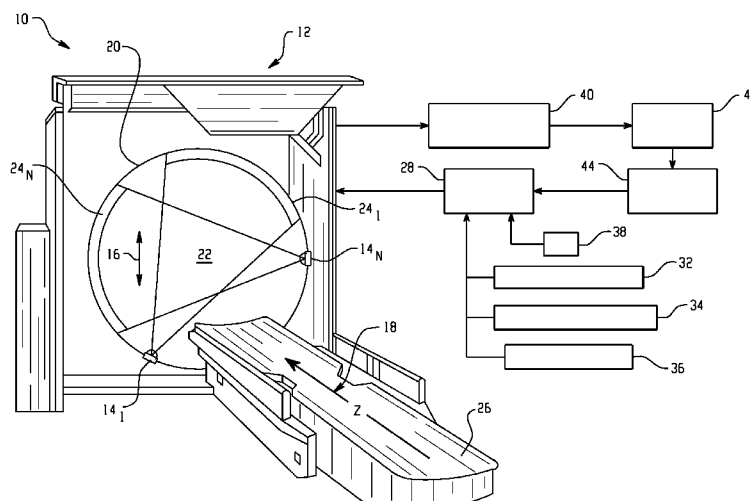
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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(54) Title: DUAL X-RAY TUBE GATING



(57) Abstract: A computed tomography system includes at least a first x-ray source (14) that continuously emits radiation through an imaging region (22) while rotating about the imaging region (22) during a data acquisition cycle and at least a second x-ray source (14) that periodically emits radiation through the imaging region (22) while rotating about the imaging region (22) during the data acquisition cycle. A first set of detectors (24) detects projection radiation corresponding to the at least first x-ray source (14) and generates first projection data indicative of the detected radiation, and a second set of detectors (24) detects projection radiation corresponding to the at least second x-ray source (14) and generates second projection data indicative of the detected radiation. A reconstruction system (32) that reconstructs the first projection data to generate a set of images, the second projection data to generate a set of images, and/or a combination of the first and second projection data to generate another set of images.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

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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.
X	US 2004/079232 A1 (GROH BURKHARD [DE] ET AL GROH BURKHARD [DE] ET AL) 29 April 2004 (2004-04-29) abstract; figures 1-3 paragraphs [0006], [0010], [0016] - [0020], [0023], [0024]	1, 4, 9-13, 17-20
X	US 2004/213371 A1 (BRUDER HERBERT [DE] ET AL) 28 October 2004 (2004-10-28) abstract; figures 2-4 paragraphs [0010] - [0019], [0046] - [0049] ----- -/--	1-4, 9-15, 17-20

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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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A	US 6 421 412 B1 (HSIEH JIANG [US] ET AL) 16 July 2002 (2002-07-16) the whole document -----	1-20

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Information on patent family members

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