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(54) **Method and device for multienergy scanning**

(57) An X-ray device and method that can be used to generate digital images in which the use of passive selection devices that utilize the principle of diffraction and/or reflection makes it possible to select a part of the spectrum emitted by a radiogenic tube and thus transmit an X-ray beam characterized by a restricted energy band.

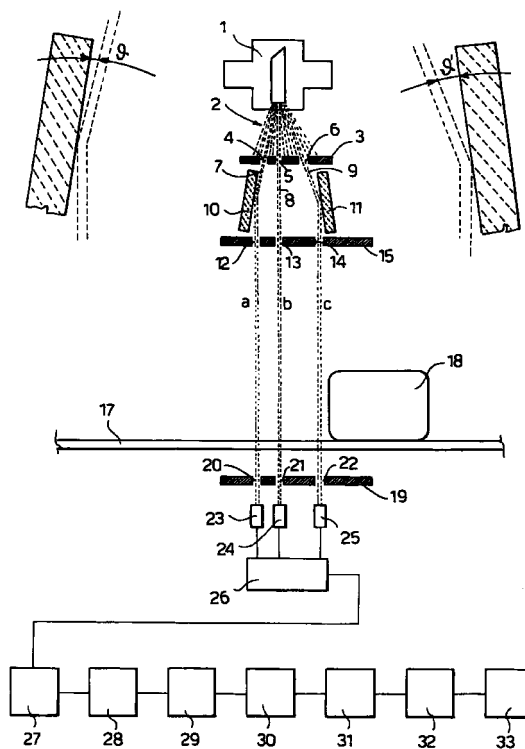


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 12 0060

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G21K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 March 2000	Examiner Capostagno, E
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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30-03-2000

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