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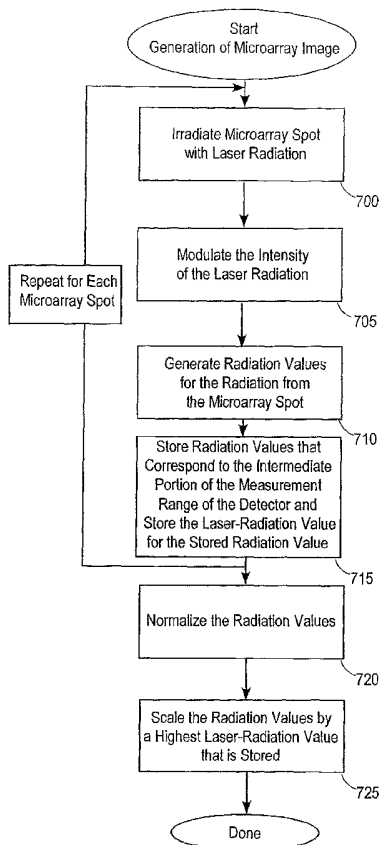
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[Continued on next page]

(54) Title: IMAGING METHOD AND APPARATUS



(57) Abstract: A method is provided for measuring a response to a stimulus of a plurality of samples spots of a sample using a measuring system having a measurement range to generate an image of the sample in digital space. The method includes, for each sample, while measuring the response, varying the stimulus to include at least one stimulus value where the measured response corresponds to a value in an intermediate portion of the measuring range, and storing a value of the measured response that corresponds to a value in the intermediate portion of the measurement range, and the stimulus value that produced that value of the measured response.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
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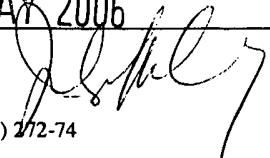
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**INTERNATIONAL SEARCH REPORT**

International application No.

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>G06K 9/00(2006.01)</b>  USPC: <b>382/115,128,129,133;435/287.2169</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 382/115,128,129,133,; 435/287.2  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)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y  Y	US 6,671,625 B1 (GULATI) 30 December 2003 column 7, line 13-26.  US 6,804,385 B2 (EISFELD et al) 12 October 2004, column 7, lines 13-26.	1-2, 10-15, 17, 19, 46-49, 51-52  ----- 16, 50 16, 50
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