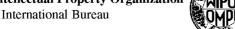
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(57) Abstract: A spectral measurement device comprising an entrance aperture for receiving an electromagnetic energy and a mask located at the entrance aperture in the form of a twodimensional encodement pattern. An optical element conditions the electromagnetic energy received from the mask for presentation to the spectral dispersion element and the and a spectral dispersion element disperses the electromagnetic energy in one or more dimensions. Additionally, the optical element conditions the dispersed electromagnetic energy onto an array of detector elements.



## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER				
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US CL : 356/310,330 According to International Patent Classification (IPC) or to both national classification and IPC				
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		v 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 practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.			
X	US 5,627,639 A (MENDE et al) 06 May 1997 (06.05	.1997) see entire document. 1-9, 12, 14, 17	'-18	
Further	documents are listed in the continuation of Box C.	See patent family annex.		
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