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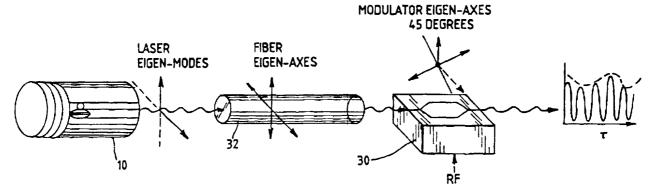
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Before the expiration of the time limit for amending the

4 August 1994 (04.08.94)

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(54) Title: OPTICAL SELF-HETERODYNE REMOTE ANTENNA SYSTEM



(57) Abstract

An apparatus and method are disclosed for use in an antenna remoting system. The apparatus comprises a single source of laser light having an output characterized by two distinct polarizations and at least two closely separated frequencies, and a fiber optic communications link joined to the source and having a modulator therein which is driven by a radio frequency information signal such that said modulator produces a beat frequency output which is a function of the sum of the two closely separated frequencies.

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INTERNATIONAL SEARCH REPORT

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A. CLASS IPC 5	IFICATION OF SUBJECT MATTER H01Q3/00			
According	to International Patent Classification (IPC) or to both national class	sification and IPC		
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Minimum o	documentation scarched (classification system followed by classifica HO1Q HO4N	ation symbols)		
Documenta	tion scarched other than minimum documentation to the extent that	t such documents are included in the fields s	carched	
Electronic	lata hase consulted during the international search (name of data ha	ase and, where practical, search terms used)		
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.	
A	US,A,5 042 086 (COLE ET AL.) 20 1991 see claims 1-25; figures 1-6 see abstract	1,17,24		
A	US,A,4 545 075 (MILLER ET AL.) 1 1985 see column 2, line 50 - column 3	1,17,24		
A	figures 2-5 EP,A,O 504 589 (DORNIER) 23 Sept see claims 1-11	1,17,24		
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'A' docume consider filing of the critation of the critat	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. X. document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. Y. document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.		
Date of the	actual completion of the international search	Date of mailing of the international sea	arch report	
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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
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