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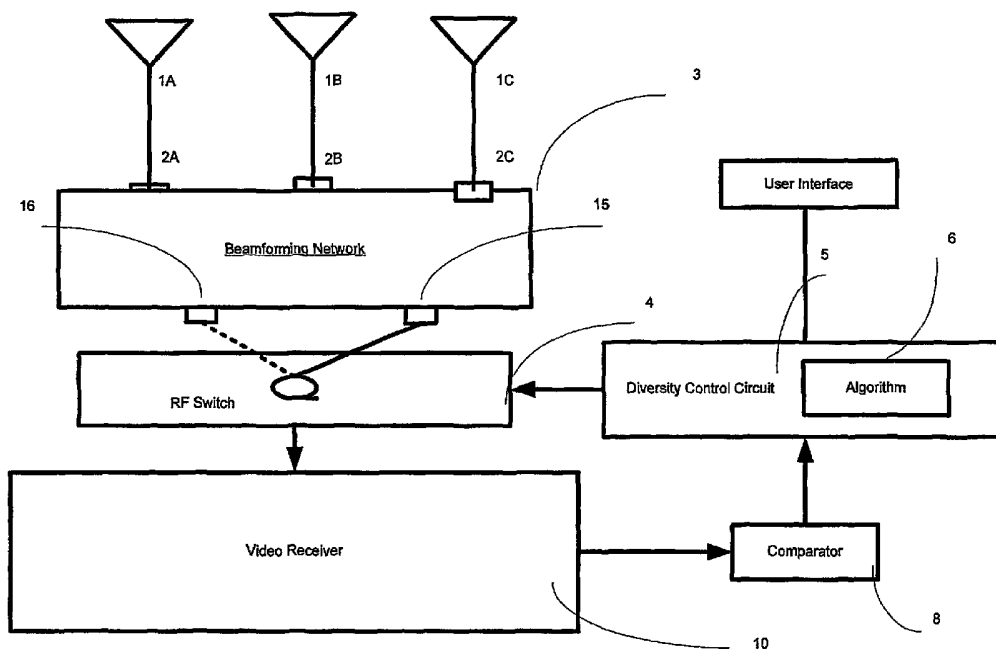
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[Continued on next page]

(54) Title: A DIVERSITY CONTROLLER FOR A VIDEO RECEIVER



(57) Abstract: A diversity controller (5) for a video receiver (10) includes a beamforming network (3) that combines received video signals at two or more antennae to provide a plurality of antennae combination signals. A high speed RF switch (4) is responsive to a received signal quality measure for asynchronously coupling one of the plurality of antennae combination signals to the video receiver.

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Declarations under Rule 4.17:

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 5/44, 5/455, 5/50

US CL : 348/7225-728, 731-732; 455/133-135, 154.1, 155.1, 226.1-.2, 226.4

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,650,374 B2 (CHOI et al) 18 November 2003 (18.11.2003), column 1, line 56 to column 3, line 54.	1-15
Y	US 5,818,543 A (LEE) 06 October 1998 (06.10.1998), column 2, line 32 to column 4, line 67).	1-15
A,P	US 6,741,293 B1 (OBUCHI) 25 May 2004 (25.05.2004), entire document.	1-15
A	US 6,188,447 B1 (RUDOLPH et al) 13 February 2001 (13.02.2001), entire document.	1-15
A	US 5,949,498 A (RUDOLPH) 07 September 1999 (07.09.1999), entire document.	1-15
A	US 2003/0142234 A1 (DENT) 31 July 2003 (31.07.2003), entire document.	1-15

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