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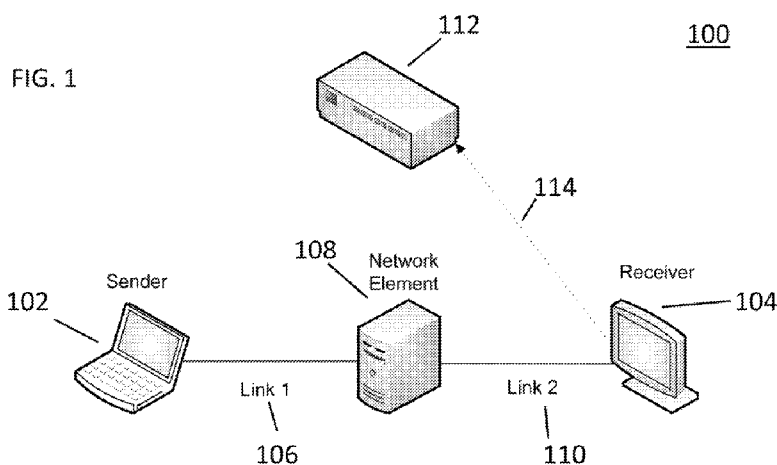
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(54) **Title:** SYSTEMS, METHODS, AND MEDIA FOR IDENTIFYING DEGRADED VIDEO CALL LINKS



(57) **Abstract:** Systems, methods, and media for identifying degraded video call links are provided. In some embodiments, systems for identifying degraded video call links are provided, the systems comprising: at least one hardware processor that: calculates network metrics and quality metrics of a video call stream received at a device through a first link and then through a second link; determines whether a network problem is present in the video call stream based on the network metrics; determines whether a quality problem is present in the video call stream based on the quality metrics; and determines that the second link is degraded if both a network problem and a quality problem are determined to be present, and determines that the first link is degraded if a quality problem is determined to be present but a network problem is not determined to be present.



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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - H04L 12/28, 29/14; H04N 7/14 (2013.01) USPC - 370/241, 252; 455/67.11 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched CPC- H04L 12/00, 28, 29/00 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) MicroPatent, Orbit, Google Patents, Google Scholar		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2008/0037443 A1 (ANSARI et al) 14 February 2008 (14.02.2008) entire document	1-28
Y	US 2011/0069138 A1 (ALI et al) 24 March 2011 (24.03.2011) entire document	1-28
Y	US 2010/0053300 A1 (EINARSSON et al) 04 March 2010 (04.03.2010) entire document	7, 16, 25
A	WO 2011/045736 A1 (MAGYAR et al) 21 April 2011 (21.04.2011) entire document	1-28
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