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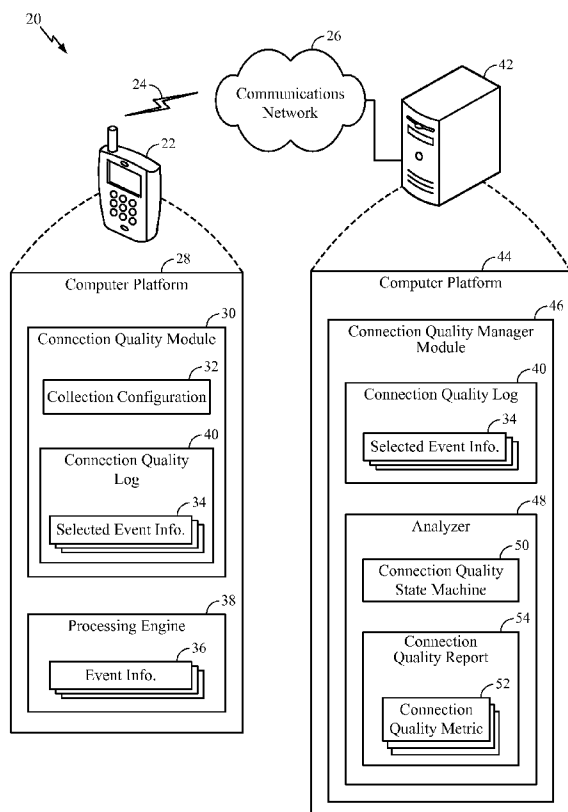
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(54) Title: APPARATUS AND METHODS FOR DETERMINING CONNECTION QUALITY METRICS



(57) Abstract: Apparatus and methods of determining a connection quality between a communication device and a communications network comprise receiving from the communication device at least one of a communication device processor-generated event code and a corresponding communication device processor-generated event data based on execution of a predetermined connection quality configuration by the communication device. The processor-generated event code and the processor-generated event data correspond to connection quality aspects of a communication between the communication device and the communications network. Additionally, this aspect of the method further comprises generating a connection quality characteristic associated with the communication according to analysis of at least one of the processor-generated event code and the processor-generated event data by a connection quality state machine, and storing the generated connection quality characteristic corresponding to the communication.

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

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# INTERNATIONAL SEARCH REPORT

International application No  
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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. H04Q7/34

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)  
H04Q

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 practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/67507 A (ERICSSON TELEFON AB L M [SE]) 9 November 2000 (2000-11-09) page 10, line 24 - page 11, line 27 page 12, line 10 - page 13, line 25 page 14, lines 1-11 -----	1-66
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A	US 6 298 233 B1 (SOUISSI SLIM [US] ET AL) 2 October 2001 (2001-10-02) column 4, lines 48-63 column 5, line 61 - column 6, line 10 -----	1-66

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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