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(54) Title: SYSTEMS AND METHODS FOR NETWORK MONITORING AND TESTING USING DIMENSION VALUE BASED KPIS

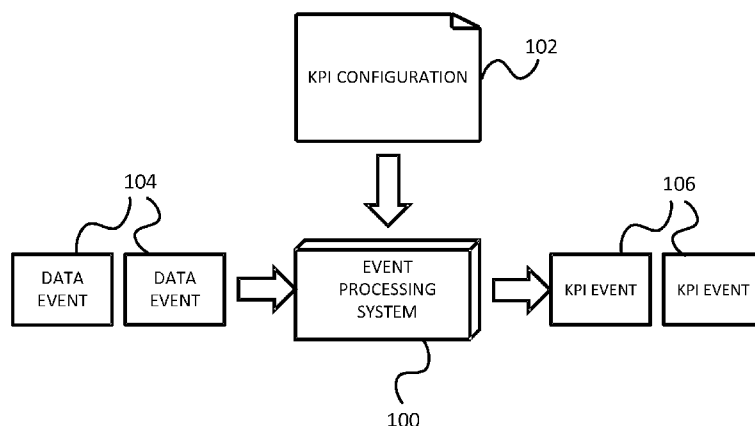


FIG. 1

(57) Abstract: Embodiments are directed to systems and methods for network monitoring and testing using dimension-value based KPIS that are configured and calculated from a stream of homogenous or heterogeneous data events. The embodiments describe flexible and abstract ways of specifying configurations for the calculation of the KPIS from the stream of network events. Embodiments are described in the context of calculating KPIS for call detail records (CDRs) for computer telephony events.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 12/47755

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 15/173 (2012.01)

USPC - 709/224

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)

IPC(8): G06F 15/173 (2012.01)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

IPC(8): G06F 15/173 (2012.01)

USPC: 709/223-226 (keyword limited; terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

pubWEST(PGPB, USPT, USOC, EPAB, JPAB); Google(Web); Search terms used: KPI performance indicator network device monitoring event rules matching mapping configuration define aggregation assign associate stream

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0098358 A1 (Roediger) 20 May 2004 (20.05.2004), entire document especially para [0041]-[0049], [0061], [0077], [0078], [0119]-[0122], [0138]-[0142], [0169]-[0161], [0209], [0211]	1, 2
Y	US 2008/0196002 A1 (Koster) 14 August 2008 (14.08.2008) entire document especially Abstract, para [0048]	1, 2
A	US 2011/0016123 A1 (Pandey et al.) 20 January 2011 (20.01.2011), entire document especially para [0056]-[0060], [0064], [0084], [0089]	1,2

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"&" document member of the same patent family

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