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(54) **Title:** SYSTEM AND METHODS FOR MOBILE DEVICE-BASED DATA COMMUNICATIONS COST MONITORING AND CONTROL

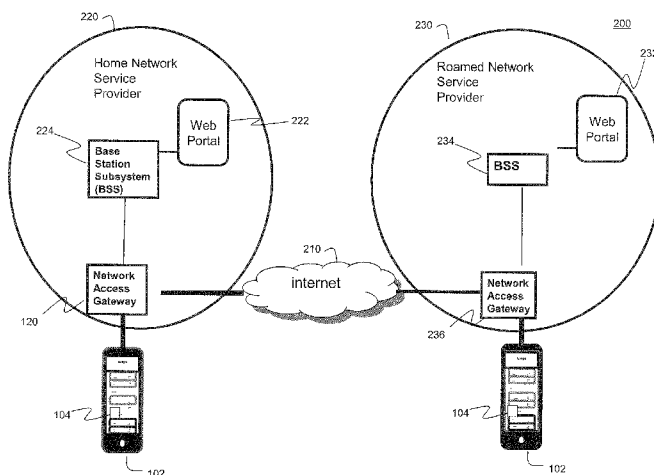


FIG. 2

(57) **Abstract:** Systems and methods for providing device-based data communications cost monitoring and controls are provided. In an embodiment, the method operates by receiving a registration request associated with a subscriber session, determining current data usage associated with the subscriber, and receiving data usage thresholds. The method further comprises receiving quotas associated with the subscriber session and collecting data usage information associated with the subscriber session. The method sends a notification to the subscriber when a predetermined quota is exceeded during the subscriber session and controls data usage. The system cost monitoring and control system comprises a usage policy server and a usage policy application. The usage policy application allows a subscriber to alter terms of a subscription. The usage policy application displays current data usage information on a per-network and per-application basis using subscriber profile information, subscriber session information, and prior subscriber usage history provided by the usage policy server.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC: *H04W 28/02* (2009.01) , *H04W 28/18* (2009.01) , *H04W 4/12* (2009.01) , *G06Q 30/00* (2006.01)

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

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
 Databases: EPOQUE, TotalPatent, Canadian Patent Database (Intellect), IEEE, Google.
 Keywords: data/session/cost/billing/monitor/threshold/quota

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2007/105123 A2 (JAYARAMAN et al.) 20 September 2007 (20-09-2007) • entire document •	1-23
Y	US 2003/0014367 A1 (TUBINIS) 16 January 2003 (16-01-2003) • entire document •	1-23
Y	GB 2,436,993 A (TOMPPANEN et al.) 10 October 2007 (10-10-2007) • entire document •	1-23
A	US 2004/0019539 A1 (RAMAN et al.) 29 January 2004 (29-01-2004) • entire document •	1-23

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/0102182 A1 (REITH et al.) 27 May 2004 (27-05-2004) • entire document •	1-23

INTERNATIONAL SEARCH REPORT
Information on patent family members

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