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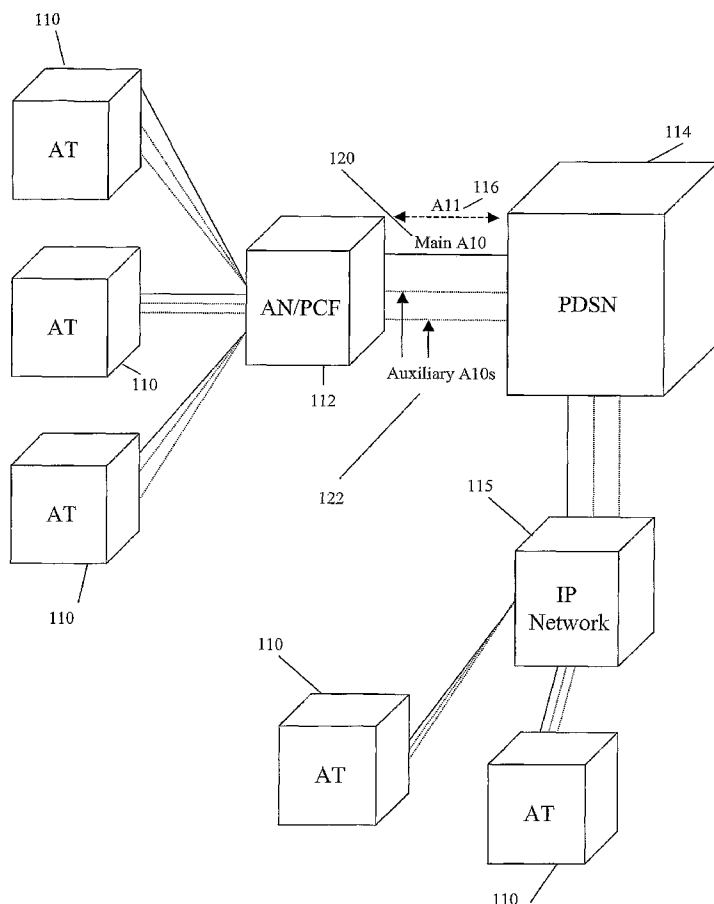
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[Continued on next page]

(54) Title: QUALITY OF SERVICE UPDATE PROCEDURE



(57) Abstract: Methods and systems are provided for updating the quality of service (QoS) of an IP flow in a wireless communications system. More particularly, the methods and systems provide the ability to update a QoS grant from any level of QoS to any other level of QoS, from no QoS to some level of QoS, and from some level of QoS to no level of QoS. The update of QoS can be based, at least in part, on a request being made for an updated QoS. A decision is made whether or not to update the QoS; and depending on the decision, the QoS can be updated.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/30509

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04Q 7/20 (2007.01)

USPC - 455/452.2

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)

USPC: 455/452.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC: 455/3.01, 426.2, 435.1, 452.2, 464; 370/310, 332, 349, 395.21; 715/735, 736; 709/220, 224, 227

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

Electronic database: USPTO WEST(USPT, PGPB, EPAB, JPAB); DIALOG PRO

Search Terms Used: QoS, quality of service, modify, change, update, IP, Internet Protocol etc.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2004/0006613 A1 (LEMIEUX et al.) 08 January 2004 (08.01.2004), (para [0019]-[0021], para [0060]-[0067])	1-19 and 27-28 ----- 20-26
Y	US 6,564,061 B1 (GUO et al.) 13 May 2003 (13.05.2003), (col 6, ln 20-64)	20-26
A	US 6,728,208 B1 (PUUSKARI) 27 April 2004 (27.04.2004), entire document	1-28

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


* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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