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(54) Title: SYSTEM AND METHOD FOR EXCHANGING POLICY INFORMATION IN A ROAMING COMMUNICATIONS ENVIRONMENT

(57) Abstract: An apparatus for optimizing roaming in a network environment is provided that includes a bearer manager operable to receive a registration request from a user. An identity of a visited network and access network information is included with the request, a bearer manager consulting the policy server for a policy decision as part of an IP-address assignment or mobile IP registration process. The policy server providing the assigned IP-address, a visited network provider identity and access network information to a home policy server via policy peering. The policy server authorizing the registration and remembering the identity of the visited network provider and the access network information, whereby when the user performs registration, an application manager can request authorization from the policy sever, which checks the identity of the visited network and possible the access network and determines whether to authorize the registration.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04Q 7/00**(2006.01)

USPC: 370/331

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)

U.S. : 370/331

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,714,515 B1 (Marchand) 30 March 2004 (30.03.2004),	
Y	US Patent Application No. 2007/0121642 (Battin et al.) 31 May 2007 (31.05.2007), ([0025])	6, 17 and 27
Y	US Patent No. 6,917,605 (Kakemizu et al.) 12 July 2005 (12.07.2005), col. 18 lines 6-28)	9, 20 and 30

☐

Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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