

Title (en)  
SYSTEM FOR DYNAMIC CONTROL OF AN IP NETWORK

Title (de)  
SYSTEM ZUR DYNAMISCHEN STEUERUNG EINES IP-NETZWERKS

Title (fr)  
SYSTEME DE CONTROLE DYNAMIQUE DE RESEAU IP

Publication  
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Application  
**EP 05717068 A 20050316**

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Abstract (en)  
[origin: WO2005107158A1] The invention relates to a system for dynamic control of equipment in a communication system, taking into account the dynamics associated with the mobility of the users (authentication and connection to services), the demands for service quality transmitted by the telecommunication network users and the availability of the system, comprising at least one control unit, containing at least one control module with a control component (ACS), for processing the authentication of users connected to the network, the dynamic configuration of IP addresses, the management of authorisations for user service requests and the configuration of the network components as a function of the identified users, a control component (LOC), for processing the connection of users, the mobility of servers, the location of the users, and the applied routing of the services, a control component (QSM) for processing the management of the quality of service in the network arteries and a module, comprising one or more of the following elements, the different user services, the network components, and the connections to external units.

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