

ABSTRACT

Method and system for the management of radio resources in a communication network comprising at least one central database REM_C
 5 containing information relating to the scheduling of the network at a given time, and one or more mobile stations comprising a database (REM_{ri}) containing information on a radio environment of the mobile station, characterized in that it comprises at least the following steps:

- transmitting a communication request R_q sent by a mobile station (10i)
 10 to a REM analysis algorithm module (21) and also to a REM_{ri} database (22) of the mobile station,
- the analysis algorithm analysing the communication parameters contained in the request R_q taking account of the required quality of service (QoS) and of parameters characterizing a radio situation at a
 15 given time sent by the REM,
- determining if a latency constraint exists in the request R_q,
 - if no, then transmitting the request R_q to a time-delay step (24) before it is analysed again by the REM analysis module (21),
 - if yes, transmitting the request R_q in order to initiate the
 20 communication (26) and transmitting data and returning a report containing information on events that occurred during the communication.

Figure 2B to be published.