

ABSTRACT OF THE DISCLOSURE

A mobile communications base station has a service quality detection unit that monitors and measures
5 communication qualities of wireless terminals currently located in the service area, and a packet classification unit that classifies packets addressed to the wireless terminals into two or more groups based on the measured communication qualities. The base station also has a
10 buffering delay measuring unit that measures buffering delay of the packets for each of the groups. A transmission priority detection unit of the base station determines the order of priority for transmitting the packets based on the measured buffering delay in comparison with a prescribed
15 threshold value. A resource allocation unit of the base station allocates the radio resources to the packets based on the order of priority to transmit the packets to the associated wireless terminals.



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