

ABSTRACT

BASE STATION, CONTROL DEVICE, COMMUNICATION SYSTEM,
AND COMMUNICATION METHOD

A base station includes an acquisition unit for acquiring a packet transmitted from a terminal device to a mobile station, a priority calculation unit for calculating priority of transmission of the packet acquired by the acquisition unit to the mobile station, a weight processing unit for conducting weighting on the priority of the packet calculated by the priority calculation unit, a channel control unit for assigning a channel for transmission of the packet to the mobile station, to the packet based on the priority of the packet weighted by the weight processing unit, and a transmission unit for transmitting the packet to the mobile station on the channel assigned by the channel control unit.

(Figure 2)



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