

RESOURCE ALLOCATION METHOD AND BASE STATION CONTROLLER

ABSTRACT

The present invention provides a resource allocation method and a base station controller and relates to the communications field, which can improve resource utilization. The method includes: receiving reference signals sent by all active user equipment in a first sector during a current listening period, where the first sector is any sector of a base station antenna in a base station in which the base station controller is located; determining the all active user equipment according to the reference signals; acquiring total data traffic of the first sector during the current listening period according to the all active user equipment; determining a to-be-adjusted resource quantity of an access antenna and a to-be-adjusted resource quantity of a backhaul antenna in resources of the base station antenna according to the total data traffic of the first sector during the current listening period; generating control information, where the control information includes the to-be-adjusted resource quantity of the access antenna and the to-be-adjusted resource quantity of the backhaul antenna; and sending the control information to the base station antenna. The present invention is applied to resource allocation of a base station antenna.

Figure 4