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— 包括国际检索报告 (条约第 21 条(3))。

(54) Title: A METHOD FOR ALLOCATING RESOURCES AND A BASE STATION CONTROLLER THEREOF

(54) 发明名称: 一种资源分配方法及基站控制器

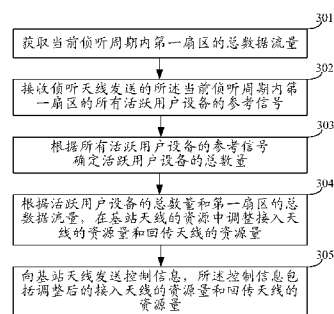


图 4/ Fig.4

301 Obtaining total data flow of the first sector in current listening period
302 Receiving reference signals of all active user equipment in a first sector sent by listening antenna during current listening period
303 Determining the total number of active user equipment according to said reference signals of all active user equipment
304 Adjusting the amount of the access antenna and the feedback antenna in resources of base station antenna according to the total number of active user equipment and the total data flow of the first sector
305 Sending control information to the base station antenna, said control information comprising the adjusted resources amount of the access antenna and the feedback antenna

(57) Abstract: The present invention provides a method for allocating resources and a base station controller thereof, relating to the field of communications and can improve resources utilization. The method comprises: receiving reference signals sent by all active user equipment in a first sector during current listening period, the first sector being an arbitrary sector of base station antenna in the base station at which said base station controller locates; determining all active user equipment according to said reference signals; obtaining total data flow of the first sector in current listening period; determining the amount of the access antenna resources and feedback antenna resources adjusted in the resources of said base station antenna according to the total data flow of the first sector in current listening period; generating control information, said control information comprising said adjusted amount of the access antenna resources and feedback antenna resources; sending said control information to said base station antenna. The present invention is applied in resource allocation of base station antenna.

(57) 摘要:

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本发明提供一种资源分配方法及基站控制器，涉及通信领域，能够提高资源的利用率，包括：接收当前侦听周期内第一扇区的所有活跃用户设备发送的参考信号，所述第一扇区是所述基站控制器所在基站中的基站天线的任意一个扇区；根据所述参考信号确定所有活跃用户设备；根据所述所有活跃用户设备获取当前侦听周期内第一扇区的总数据流量；根据所述当前侦听周期内所述第一扇区的总数据流量，确定在所述基站天线的资源中调整的接入天线的资源量和回传天线的资源量；生成控制信息，所述控制信息包括所述调整的接入天线的资源量和回传天线的资源量；向所述基站天线发送所述控制信息。本发明应用于基站天线的资源分配。