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(54) Title: METHOD AND APPARATUS FOR REPORTING POWER HEADROOM REPORT, USER EQUIPMENT, BASE STATION AND STORAGE MEDIUM

(54) 发明名称: 一种功率余量报告的上报方法、装置、用户设备、基站及存储介质

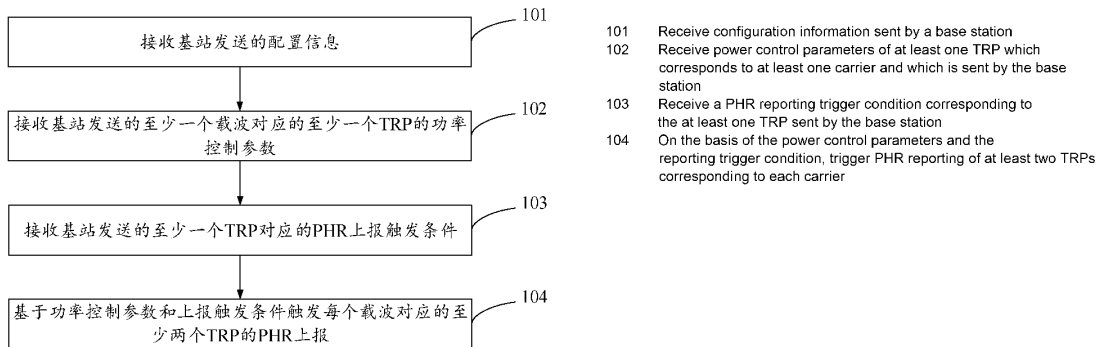


图 1

(57) Abstract: The present disclosure belongs to the technical field of communications, and provides a method and apparatus for reporting a power headroom report (PHR), a user equipment (UE), a base station and a storage medium. The method comprises: receiving configuration information sent by a base station, the configuration information indicating that a UE supports reporting of PHRs of single or multiple TRPs on one carrier; receiving power control parameters supporting at least one TRP which corresponds to at least one carrier and which is sent by the base station; receiving a PHR reporting trigger condition of the at least one TRP sent by the base station; and on the basis of the power control parameters and the reporting trigger condition, triggering PHR reporting of at least two TRPs corresponding to each carrier. Embodiments of the present disclosure provide a PHR reporting method suitable for a multi-TRP scenario, which ensures the effective allocation of network resources.

(57) 摘要: 本公开提出一种功率余量报告的上报方法、装置、用户设备、基站及存储介质, 属于通信技术领域。其中, 该方法包括: 接收基站发送的配置信息, 所述配置信息指示所述UE在一个载波上支持单个或多个TRP的PHR的上报; 接收所述基站发送的至少一个载波对应的支持至少一个TRP的功率控制参数; 接收所述基站发送的至少一个TRP的PHR上报触发条件; 基于所述功率控制参数和所述上报触发条件触发每个载波对应的至少两个TRP的PHR上报。本公开实施例提供了一种适用于multi-TRP场景下的PHR上报方法, 确保了网络资源的有效分配。

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