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(54) Title: CHANNEL ACCESS METHOD AND COMMUNICATION DEVICE

(54) 发明名称: 一种信道接入方法及通信装置

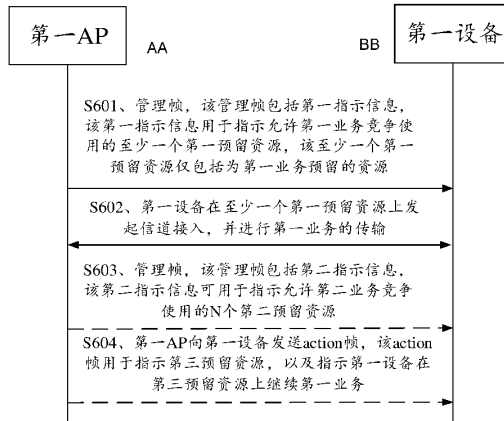


图 6

S601 Management frame, the management frame comprising first indication information, the first indication information being used to indicate at least one first reserved resource that is allowed to be used competitively for a first service, and the at least one first reserved resource only comprising resources reserved for the first service

S602 The first device initiates channel access on the at least one first reserved resource and transmits the first service

S603 Management frame, the management frame comprising second indication information, wherein the second indication information can be used to indicate N second reserved resources that are allowed to be used competitively for a second service

S604 The first AP sends an action frame to the first device, the action frame being used to indicate a third reserved resource, as well as to indicate that the first device continues the first service on the third reserved resource

AA First AP
BB First device

(57) Abstract: The present application relates to the technical field of wireless fidelity, and relates in particular to a channel access method and a communication device. The method herein comprises: a first access point sends a management frame to a first device, the management frame comprising first indication information, the first indication information being used to indicate at least one first reserved resource that is allowed to be used competitively for a first service, and the at least one first reserved resource only comprising time-frequency resources reserved for the first service; then, the first device initiates channel access on the at least one first reserved resource and transmits the first service. Since the at least one first reserved resource is reserved exclusively for the first service, it is believed that another non-first service does not compete to use the at least one first reserved resource, which can increase the opportunities for the first service to access a channel. After each time the first device accesses a channel, the first service can be sent or the first service can be scheduled continuously in the at least one first reserved resource, thereby reducing the transmission delay of the first service.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请涉及无线保真技术领域, 尤其涉及一种信道接入方法及通信装置, 其中的方法包括: 第一接入点向第一设备发送管理帧, 该管理帧包括第一指示信息, 该第一指示信息用于指示允许第一业务竞争使用的至少一个第一预留资源, 至少一个第一预留资源仅包括为第一业务预留的时频资源; 之后第一设备在至少一个第一预留资源上发起信道接入, 并进行第一业务的传输。由于至少一个第一预留资源是专门为第一业务预留的, 可认为其他非第一业务不竞争使用该至少一个第一预留资源, 这样可增加第一业务接入信道的机会。且第一设备每次接入信道后, 可继续在至少一个第一预留资源中发送第一业务或者调度第一业务, 从而降低第一业务的传输时延。