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(54) Title: CHANNEL INDICATION METHOD AND APPARATUS, AND READABLE STORAGE MEDIUM

(54) 发明名称: 信道指示方法、装置及可读存储介质

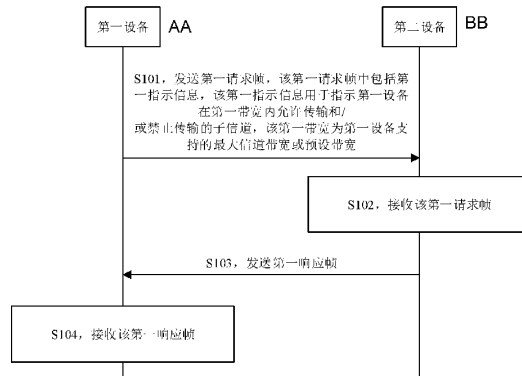


图 4

S101 Send a first request frame, the first request frame comprising first indication information, the first indication information being used for indicating a subchannel, transmission of which is allowed/or prohibited by a first device within a first bandwidth, the first bandwidth being the maximum channel bandwidth or preset bandwidth supported by the first device
S102 Receive the first request frame
S103 Send a first response frame
S104 Receive the first response frame
AA First device
BB Second device

(57) Abstract: The present application relates to the field of wireless communications, is applied to wireless local area networks supporting 802.11 series standards, and in particular, relates to a channel indication method and apparatus, and a readable storage medium. The method comprises: during an association process, a fixed client (STA) reports, to an AP, its own channel usage, for example, on which channels there are incumbent users and on which channels there is no incumbent user; after receiving the channel usage reported by the fixed client (STA), the AP stores the information. Thus, during subsequent data communication, selection of

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a channel, transmission of which is allowed by both parties, is facilitated for data communication, thereby reducing interference on the incumbent users.

(57) 摘要: 本申请涉及无线通信领域, 应用于支持802.11系列标准的无线局域网中, 尤其涉及一种信道指示方法、装置及可读存储介质, 该方法包括: 在关联过程中, 固定客户(STA)向AP上报自己的信道使用情况, 比如哪些信道上有现有用户(Incumbent users), 哪些信道上没有现有用户; AP接收到固定客户(STA)上报的信道使用情况后, 存储该信息; 以便于后续进行数据通信时, 选取双方都允许传输的信道进行数据通信, 从而减少对现有用户的干扰。