

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(10) 国际公布号
WO 2024/255612 A1

(43) 国际公布日
2024 年 12 月 19 日 (19.12.2024)

(51) 国际专利分类号:
H04W 16/14 (2009.01)

(21) 国际申请号: PCT/CN2024/096522

(22) 国际申请日: 2024 年 5 月 31 日 (31.05.2024)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202310731838.7 2023年6月16日 (16.06.2023) CN

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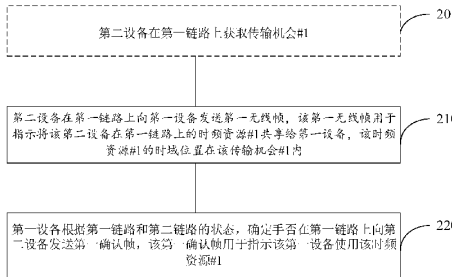
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(54) Title: COOPERATIVE COMMUNICATION METHOD AND APPARATUS

(54) 发明名称: 协作通信的方法和装置

图 8



200 Method

201 A second device obtains a transmission opportunity #1 on a first link

210 The second device sends a first radio frame to a first device on the first link, the first radio frame being used for instructing to share a time-frequency resource #1 of the second device on the first link with the first device, and a time-domain location of the time-frequency resource #1 being within the transmission opportunity #1

220 The first device determines, according to states of the first link and the second link, whether to send a first acknowledgement frame to the second device on the first link, the first acknowledgement frame being used for instructing the first device to use the time-frequency resource #1

(57) Abstract: The present application provides a cooperative communication method and apparatus. The method comprises: receiving, by a first device, a first frame from a second device on a first link, the first device using a Non-Simultaneous Transmission and Reception (NSTR) link pair comprising the first link and a second link, the first link being a secondary link of the first device, the second link being a primary link of the first device, the first frame being used for instructing to share a first time-frequency resource on the first link, a time-domain location of the first time-frequency resource being within a first Transmission Opportunity (TXOP) of the second

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PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

device on the first link; and determining, by the first device according to states of the first link and the second link, whether to send a second frame to the second device on the first link, the second frame being an acknowledgement frame of the first frame. According to the method, cooperation between a plurality of APs can be made easier and simpler and more efficient.

(57) 摘要: 本申请提供了一种协作通信的方法和装置, 该方法包括: 第一设备在第一链路上接收来自第二设备的第一帧, 第一设备使用包括该第一链路和第二链路的非同时发送和接收NSTR链路对, 该第一链路为该第一设备的次链路, 该第二链路为该第一设备的主链路, 该第一帧用于指示共享该第一链路上的第一时频资源, 该第一时频资源的时域位置在第二设备在该第一链路上的第一传输机会TXOP内; 该第一设备根据该第一链路和第二链路的状况, 确定是否在该第一链路上向该第二设备发送第二帧, 该第二帧为该第一帧的应答帧。通过该方法, 能够使多个AP之间的协作更加简易且高效。