

(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

(43) 国际公布日
2024 年 7 月 4 日 (04.07.2024)



(10) 国际公布号
WO 2024/140322 A1

(51) 国际专利分类号:
H04B 17/309 (2015.01)

(21) 国际申请号: PCT/CN2023/139784

(22) 国际申请日: 2023 年 12 月 19 日 (19.12.2023)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202211722785.4 2022 年 12 月 30 日 (30.12.2022) CN

(71) 申请人: 华为技术有限公司 (HUAWEI TECHNOLOGIES CO., LTD.) [CN/CN]; 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(72) 发明人: 张懿 (ZHANG, Yi); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 苏宏家 (SU, Hongjia); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129

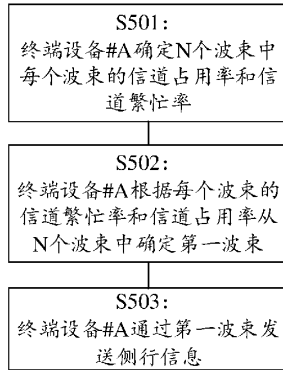
(CN)。 卢磊 (LU, Lei); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(74) 代理人: 北京龙双利达知识产权代理有限公司 (LONGSUN LEAD IP LTD.); 中国北京市海淀区北清路 81 号院二区 3 号楼 8 层 801-1 室, Beijing 100094 (CN)。

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(54) Title: BEAM MEASUREMENT METHOD AND APPARATUS, AND SYSTEM

(54) 发明名称: 波束测量方法、装置及系统



S501 A TERMINAL DEVICE #A DETERMINES A CHANNEL OCCUPANCY RATIO AND A CHANNEL BUSY RATIO OF EACH BEAM OF A NUMBER N OF BEAMS
S502 THE TERMINAL DEVICE #A DETERMINES A FIRST BEAM FROM THE N BEAMS ACCORDING TO THE CHANNEL OCCUPANCY RATIO AND THE CHANNEL BUSY RATIO OF EACH BEAM
S503 THE TERMINAL DEVICE #A SENDS SIDELINK INFORMATION BY MEANS OF THE FIRST BEAM

图 5

(57) Abstract: The present application provides a beam measurement method and apparatus, and a system, which may be used in an FR2 sidelink communication system. The beam measurement method comprises: determining a channel occupancy ratio and a channel busy ratio of each beam of a number N of beams, N being a positive integer greater than or equal to 1; determining a first beam from the N beams according to the channel occupancy ratio and the channel busy ratio of each beam, and sending first sidelink information by means of the first beam. In the present method, channel measurement is performed on each beam so as to determine the channel occupancy ratio and the channel busy ratio of each beam, and a beam used to transmit information is then selected therefrom. The channel states of beams in different directions can be distinguished, and the accuracy of channel measurement is improved. Moreover, transmission tasks may be reasonably allocated according to channel conditions of each beam, so that communication reliability is further improved.

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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: 本申请提供了一种波束测量的方法、装置和系统, 能够适用于FR2侧行链路通信系统中。该波束测量的方法包括: 确定N个波束中的每个波束的信道占用率和信道繁忙率, N为大于或等于1的正整数, 根据所述每个波束的信道占用率和信道繁忙率从所述N个波束中确定第一波束, 通过所述第一波束发送第一侧行信息。该方法中, 通过对每个波束进行信道测量, 以确定每个波束的信道占用率和信道繁忙率, 进一步从中选择用于传输信息的波束。能够区分不同方向的波束的信道状态, 信道测量准确性得到提升。并且可以根据各波束的信道条件合理分配传输任务, 进一步提升了通信可靠性。