

(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
2023 年 8 月 31 日 (31.08.2023)



(10) 国际公布号
WO 2023/160568 A1

(51) 国际专利分类号:
H04W 72/04 (2023.01)

(21) 国际申请号: PCT/CN2023/077575

(22) 国际申请日: 2023 年 2 月 22 日 (22.02.2023)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202210173890.0 2022 年 2 月 24 日 (24.02.2022) 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)。

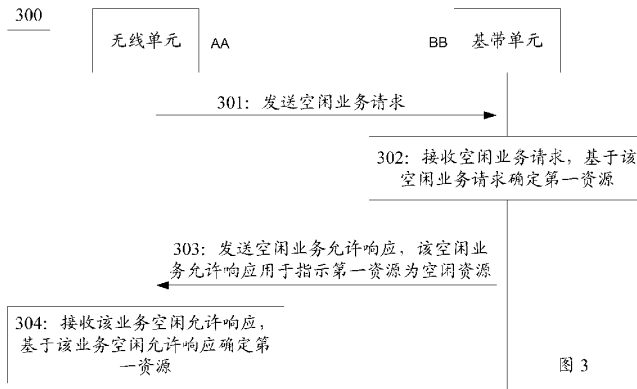
(72) 发明人: 李智 (LI, Zhi); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(74) 代理人: 北京三高永信知识产权代理有限公司 (BEIJING SAN GAO YONG XIN INTELLECTUAL PROPERTY AGENCY CO., LTD.); 中国北京市海淀区上地信息产业基地三街 1 号楼四层 C 段 457, Beijing 100085 (CN)。

(81) 指定国 (除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE,

(54) Title: COMMUNICATION METHOD AND APPARATUS, AND SYSTEM AND STORAGE MEDIUM

(54) 发明名称: 通信方法、装置、系统及存储介质



301 SEND AN IDLE-SERVICE REQUEST
302 RECEIVE THE IDLE-SERVICE REQUEST, AND DETERMINE A FIRST SOURCE ON THE BASIS OF THE IDLE-SERVICE REQUEST
303 SEND AN IDLE-SERVICE PERMISSION RESPONSE, WHEREIN THE IDLE-SERVICE PERMISSION RESPONSE IS USED FOR INDICATING THAT THE FIRST SOURCE IS AN IDLE RESOURCE
304 RECEIVE THE IDLE-SERVICE PERMISSION RESPONSE, AND DETERMINE THE FIRST SOURCE ON THE BASIS OF THE IDLE-SERVICE PERMISSION RESPONSE
AA WIRELESS UNIT
BB BASEBAND UNIT

(57) Abstract: Disclosed in the present application are a communication method and apparatus, and a system and a storage medium, which belong to the field of communications. The method comprises: a wireless unit sending an idle-service request to a baseband unit; and the wireless unit receiving an idle-service permission response sent by the baseband unit, wherein the idle-service permission response is used for indicating that a first resource is an idle resource. By means of the present application, the requirement of a wireless unit for autonomous usage of resources can be met.

[见续页]

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。

(84) 指定国 (除另有指明, 要求每一种可提供的地区
保护): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW,
MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧
亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT,
BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR,
HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL,
NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE,
SN, TD, TG)。

本国际公布:

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要: 本申请公开了一种通信方法、装置、系统及存储介质, 属于通信领域。所述方法包括: 无线单元向基带单元发送业务空闲请求; 所述无线单元接收所述基带单元发送的业务空闲允许响应, 所述业务空闲允许响应用于指示第一资源为空闲资源。本申请能够满足无线单元自主使用资源的需求。