

(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 6 月 15 日 (15.06.2023)

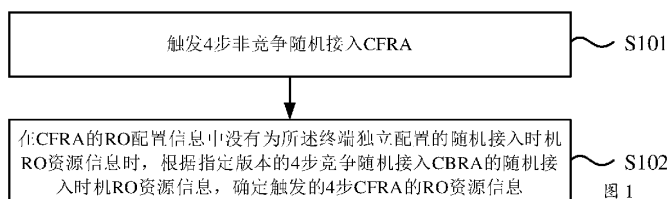


(10) 国际公布号
WO 2023/102939 A1

- (51) 国际专利分类号:
H04W 74/08 (2009.01)
- (21) 国际申请号: PCT/CN2021/137257
- (22) 国际申请日: 2021 年 12 月 10 日 (10.12.2021)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (71) 申请人: 北京小米移动软件有限公司 (BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.) [CN/CN]; 中国北京市海淀区西二旗中路33号院6号楼8层018号, Beijing 100085 (CN)。
- (72) 发明人: 刘晓菲 (LIU, Xiaofei); 中国北京市海淀区西二旗中路33号院6号楼8层018号, Beijing 100085 (CN)。 吴昱民 (WU, Yumin); 中国北京市海淀区西二旗中路33号院6号楼8层018号, Beijing 100085 (CN)。
- (74) 代理人: 北京博思佳知识产权代理有限公司 (BEIJING BESTIPR INTELLECTUAL PROPERTY LAW CORPORATION); 中国北京市海淀区上地三街9号嘉华大厦B座409, 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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL,

(54) Title: METHOD AND APPARATUS FOR DETERMINING RANDOM ACCESS OCCASION RESOURCE INFORMATION, AND METHOD AND APPARATUS FOR INDICATING RANDOM ACCESS OCCASION RESOURCE INFORMATION

(54) 发明名称: 随机接入时机资源信息的确定、指示方法和装置



- S101 Trigger 4-step contention-free random access (CFRA)
- S102 When random access occasion RO resource information independently configured for the terminal does not exist in RO configuration information of the CFRA, determine the RO resource information of the triggered 4-step CFRA according to random access occasion RO resource information of the 4-step contention-based random access (CBRA) of the specified version

图 1

(57) Abstract: The present disclosure relates to a method and apparatus for determining random access occasion resource information, and a method and apparatus for indicating random access occasion resource information. The method for determining random access occasion resource information comprises: triggering 4-step contention-free random access (CFRA); and when random access occasion RO resource information independently configured for the terminal does not exist in RO configuration information of the CFRA, determining the RO resource information of the triggered 4-step CFRA according to random access occasion RO resource information of the 4-step contention-based random access (CBRA) of the specified version. According to the present disclosure, the terminal can determine the RO resource information of the triggered 4-step CFRA according to RO resource information of the 4-step CBRA of the specified version. The technical problem that it is difficult for the terminal to judge which version of RO resource information of the

[见续页]

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, GH, GM, KE, LR, LS, MW, MZ,
NA, RW, 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, 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))。

4-step CBRA is used to determine the RO resource information of the 4-step CFRA when the terminal faces RO resource information of the 4-step CBRA of a plurality of versions is avoided.

(57) 摘要: 本公开涉及随机接入时机资源信息的确定、指示方法和装置, 其中, 所述随机接入时机资源信息的确定方法包括: 触发4步非竞争随机接入CFRA; 在CFRA的RO配置信息中没有为所述终端独立配置的随机接入时机RO资源信息时, 根据指定版本的4步竞争随机接入CBRA的随机接入时机RO资源信息, 确定触发的4步CFRA的RO资源信息。根据本公开, 终端可以根据指定版本的4步CBRA的RO资源信息, 确定触发的4步CFRA的RO资源信息。避免了终端面对多个版本的4步CBRA的RO资源信息时, 难以判断根据哪个版本的4步CBRA的RO资源信息确定4步CFRA的RO资源信息的技术问题。