

(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
2014 年 7 月 3 日 (03.07.2014)



(10) 国际公布号
WO 2014/101054 A1

(51) 国际专利分类号:

H04W 24/08 (2009.01)

(21) 国际申请号:

PCT/CN2012/087693

(22) 国际申请日:

2012 年 12 月 27 日 (27.12.2012)

(25) 申请语言:

中文

(26) 公布语言:

中文

(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: 罗茜 (LUO, Xi); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 戚艳 (QI, Yan); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 张欢 (ZHANG, Huan); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 宋平 (SONG, Ping); 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: 北京同立钧成知识产权代理有限公司 (LEADER PATENT & TRADEMARK FIRM); 中国

北京市海淀区西直门北大街 32 号枫蓝国际 A 座 8F-6, Beijing 100082 (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, 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, 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))。

(54) Title: METHOD AND DEVICE FOR DETERMINING SCRAMBLING CODE CONFLICT

(54) 发明名称: 确定扰码冲突的方法和确定扰码冲突的装置

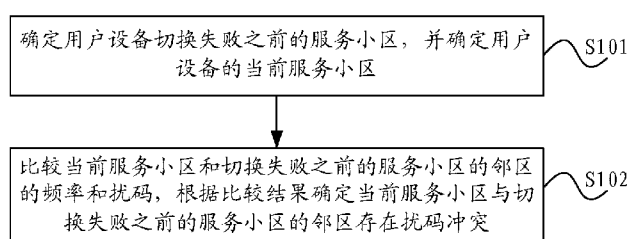


图 1 / FIG. 1

S101 DETERMINE A SERVING CELL BEFORE A HANDOVER FAILURE OF A USER EQUIPMENT, AND DETERMINE A CURRENT SERVING CELL OF THE USER EQUIPMENT
S102 COMPARE FREQUENCIES AND SCRAMBLING CODES OF THE CURRENT SERVING CELL AND A NEIGHBORING CELL OF THE SERVING CELL BEFORE THE HANDOVER FAILURE, AND DETERMINE WHETHER A SCRAMBLING CODE CONFLICT EXISTS BETWEEN THE CURRENT SERVING CELL AND THE NEIGHBORING CELL OF THE SERVING CELL BEFORE THE HANDOVER FAILURE ACCORDING TO THE COMPARISON RESULT

(57) Abstract: Embodiments of the present invention relate to a method and a device for determining a scrambling code conflict. The method comprises: determining a serving cell before a handover failure of a user equipment, and determining a current serving cell of the user equipment; and comparing frequencies and scrambling codes of the current serving cell and a neighboring cell of the serving cell before the handover failure, and determining whether a scrambling code conflict exists between the current serving cell and the neighboring cell of the serving cell before the handover failure according to the comparison result. Therefore, the probability of the handover failure of the user equipment is reduced, and normal service operation of the user equipment is ensured.

(57) 摘要: 本发明实施例涉及一种确定扰码冲突的方法和确定扰码冲突的装置。方法包括: 确定用户设备切换失败之前的服务小区, 并确定所述用户设备的当前服务小区; 比较所述当前服务小区和所述切换失败之前的服务小区的邻区的频率和扰码, 根据所述比较结果确定所述当前服务小区与所述切换失败之前的服务小区的邻区存在扰码冲突。降低用户设备切换失败的几率, 保证用户设备业务正常进行。

WO 2014/101054 A1