

(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 4 月 13 日 (13.04.2023)



(10) 国际公布号
WO 2023/056651 A1

(51) 国际专利分类号:
H04W 36/00 (2009.01)

(21) 国际申请号: PCT/CN2021/122927

(22) 国际申请日: 2021 年 10 月 9 日 (09.10.2021)

(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: 陶旭华 (TAO, Xuhua); 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: 北京名华博信知识产权代理有限公司 (BOXIN CHINA INTELLECTUAL PROPERTY); 中国北京市海淀区黑泉路8号1幢4层101-10号, Beijing 100192 (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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

(54) **Title:** METHOD AND APPARATUS FOR RECEIVING OR SENDING MEASUREMENT CONFIGURATION INFORMATION, DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 一种接收或发送测量配置信息的方法、装置、设备及存储介质

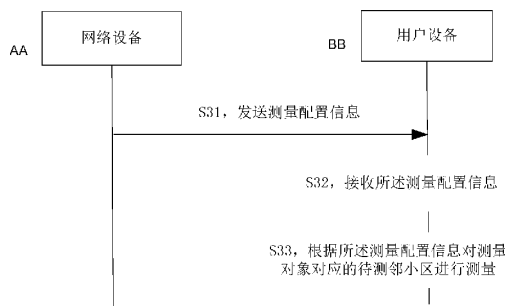


图 3

AA Network device
BB User equipment
S31 Send measurement configuration information
S32 Receive the measurement configuration information
S33 Measure, according to the measurement configuration information, neighbor cells to be measured corresponding to a measurement object

(57) **Abstract:** The present disclosure relates to the technical field of wireless communications, and provides a method and apparatus for transmitting measurement configuration information, a device, and a storage medium. The method comprises: receiving measurement configuration information from a network device, wherein the measurement configuration information comprises more than one SSB-based measurement timing configuration (SMTC) corresponding to a same measurement object, and the SMTCs of different neighbor cells to be measured corresponding to the same measurement object are different; and measuring, according to the measurement configuration information, said neighbor cells corresponding to the measurement object. In the present disclosure, different SMTCs are set for different neighbor cells to be measured corresponding to a same measurement object, so that a user equipment can

[见续页]

(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))。

measure said different neighbor cells under a same carrier at different moments, and when there is a large transmission delay difference between different cells, the measurement of the neighbor cells can still be completed, thereby solving the problem that the measurement of neighbor cells cannot be completed due to a large transmission delay difference between different cells.

(57) 摘要: 本公开提供了一种传输测量配置信息的方法、装置、设备及存储介质, 应用于无线通信技术领域, 此方法包括: 从网络设备接收测量配置信息; 其中, 所述测量配置信息包括同一测量对象对应的一个以上的基于SSB的测量时间配置SMTC, 所述同一测量对象对应的不同待测邻小区的SMTC不同; 根据所述测量配置信息对所述测量对象对应的待测邻小区进行测量。本公开中, 为同一测量对象对应的不同待测邻小区分别设置不同的SMTC, 使用户设备在不时刻对同一载波下的不同待测邻小区进行测量, 在不同小区之间传输时延差较大时仍然可以完成对邻小区的测量, 从而克服由于不同小区之间传输时延差较大造成的无法完成邻小区测量的问题。