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H04W 36/16 (2009.01) **H04W 16/28** (2009.01) **GROUP CO., LTD.)** [CN/CN]; 中国北京市西城区金融大街29号, Beijing 100032 (CN)。
- (21) 国际申请号: PCT/CN2024/107534 (72) 发明人: 柴丽 (**CHAI, Li**); 中国北京市西城区金融大街29号, Beijing 100032 (CN)。
- (22) 国际申请日: 2024 年 7 月 25 日 (25.07.2024)
- (25) 申请语言: 中文 (74) 代理人: 北京银龙知识产权代理有限公司 (**DRAGON INTELLECTUAL PROPERTY LAW FIRM**); 中国北京市海淀区西直门北大街32号院枫蓝国际中心2号楼10层, Beijing 100082 (CN)。
- (26) 公布语言: 中文
- (30) 优先权:
202310999771.5 2023年8月9日 (09.08.2023) 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,
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(54) **Title:** COMMUNICATION METHOD AND APPARATUS, AND TERMINAL AND NETWORK DEVICE

(54) 发明名称: 通信方法、装置、终端及网络设备

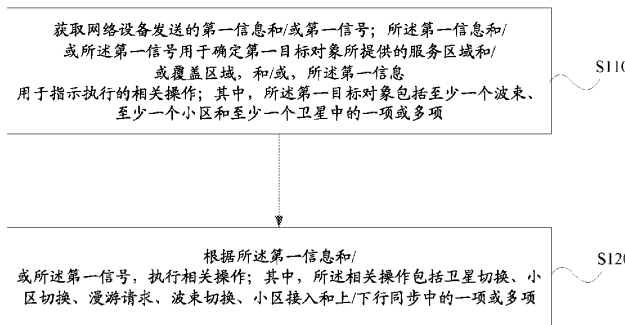


图 1

- S110 Acquire first information and/or a first signal sent by a network device, wherein the first information and/or the first signal is used for indicating a service area and/or a coverage area provided by a first target object, and/or the first information is used for indicating related operation for execution, and the first target object comprises one or more of at least one beam, at least one cell and at least one satellite
- S120 On the basis of the first information and/or the first signal, execute the related operation, wherein the related operation comprises one or more of satellite handover, cell handover, roaming requesting, beam handover, cell access, and uplink/downlink synchronization

(57) **Abstract:** Provided in the present disclosure are a communication method and apparatus, and a terminal and a network device. The method comprises: acquiring first information and/or a first signal sent by a network device, wherein the first information and/or the first signal is used for indicating a service area and/or a coverage area provided by a first target object, and/or the first information is used for indicating a related operation for execution; and according to the first information and/or the first signal, executing the related operation, wherein the related operation comprises one or more of satellite handover, cell handover, roaming requesting, beam

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MU, 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。

- (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))。

handover, and uplink/downlink synchronization.

(57) 摘要: 本公开提供一种通信方法、装置、终端及网络设备。该方法包括: 获取网络设备发送的第一信息和/或第一信号, 用于指示第一目标对象所提供的服务区域和/或覆盖区域, 和/或, 第一信息用于指示执行的相关操作; 根据所述第一信息和/或所述第一信号, 执行相关操作; 所述相关操作包括卫星切换、小区切换、漫游请求、波束切换和上/下行同步中的一项或多项。