

(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



(10) 国际公布号
WO 2018/081972 A1

(43) 国际公布日
2018 年 5 月 11 日 (11.05.2018)

- (51) 国际专利分类号:
H04W 16/28 (2009.01) *H04J 11/00* (2006.01)
- (21) 国际申请号: PCT/CN2016/104441
- (22) 国际申请日: 2016 年 11 月 3 日 (03.11.2016)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (71) 申请人: 广东欧珀移动通信有限公司 (GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.) [CN/CN]; 中国广东省东莞市长安镇乌沙海滨路 18 号, Guangdong 523860 (CN)。
- (72) 发明人: 唐海 (TANG, Hai); 中国广东省东莞市长安镇乌沙海滨路 18 号, Guangdong 523860 (CN)。
- (74) 代理人: 广州三环专利商标代理有限公司 (SCIHEAD IP LAW FIRM); 中国广东省广州市越秀区先烈中路 80 号汇华商贸大厦 1508 室, Guangdong 510070 (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, JP, KE, KG, 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, SM, ST,

(54) Title: COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE

(54) 发明名称: 通信方法、终端设备和网络设备

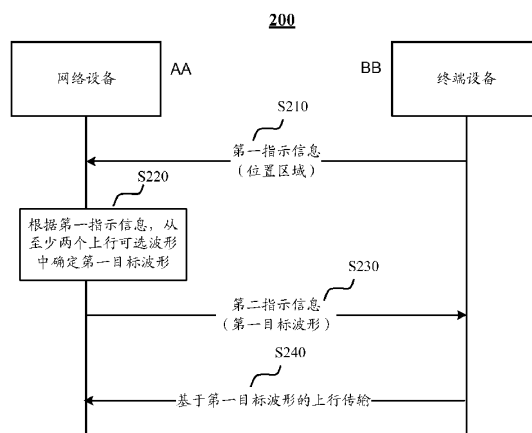


图 2

S210 First indication information (location area)
S220 According to first indication information, determine first target waveform from among at least two uplink optional waveforms
S230 Second indication information (first target waveform)
S240 First target waveform-based uplink transmission
AA Network device
BB Terminal device

(57) Abstract: Disclosed are a communication method, a terminal device and a network device, which are suitable for determining waveforms used for uplink transmissions by terminal devices in various scenarios. The method comprises: a terminal device sends first indication information to a network device, the first indication information being used for indicating the location area in which the terminal device is currently located; the terminal device receives second indication information sent by the network device, the second indication information being used for indicating a first target waveform determined by the network device from among at least two

[见续页]

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, 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))。

uplink optional waveforms according to the location area in which the terminal device is currently located; the terminal device uses
the first target waveform to perform an uplink transmission.

(57) 摘要: 本申请公开了一种通信方法、终端设备和网络设备, 能够适用于各种场景下确定终端设备的上行传输所采用的波形。该方法包括: 终端设备向网络设备发送第一指示信息, 该第一指示信息用于指示该终端设备当前所处的位置区域; 该终端设备接收该网络设备发送的第二指示信息, 该第二指示信息用于指示该网络设备根据该终端设备当前所处的位置区域从至少两个上行可选波形中确定的第一目标波形; 该终端设备采用该第一目标波形进行上行传输。