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(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)。

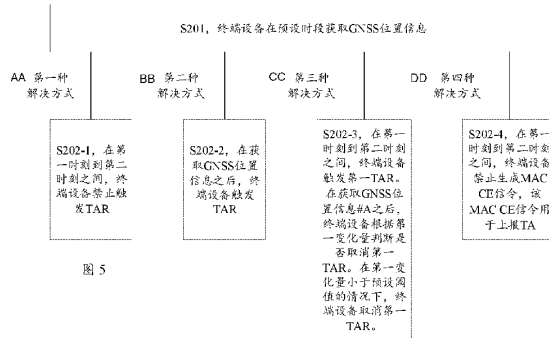
(72) 发明人: 陆瑞 (LU, Rui); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。胡星星 (HU, Xingxing); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。许斌 (XU, Bin); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。郑黎丽 (ZHENG, Lili); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(74) 代理人: 北京龙双利达知识产权代理有限公司 (LONGSUN LEAD IP LTD.); 中国北京市海淀区北清路 81 号院二区 3 号楼 8 层 801-1 室, Beijing 100094 (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,

(54) Title: COMMUNICATION METHOD AND APPARATUS

(54) 发明名称: 通信方法和装置



S201 A TERMINAL DEVICE ACQUIRES GNSS POSITION INFORMATION IN A PRESET TIME PERIOD  
S202-1 BETWEEN A FIRST MOMENT AND A SECOND MOMENT, THE TERMINAL DEVICE IS PROHIBITED FROM TRIGGERING A TAR  
S202-2 AFTER THE GNSS POSITION INFORMATION IS ACQUIRED, THE TERMINAL DEVICE TRIGGERS A TAR  
S202-3 BETWEEN THE FIRST MOMENT AND THE SECOND MOMENT, THE TERMINAL DEVICE TRIGGERS A FIRST TAR, AFTER GNSS POSITION INFORMATION #A IS ACQUIRED, THE TERMINAL DEVICE DETERMINES, ACCORDING TO A FIRST CHANGE AMOUNT, WHETHER TO CANCEL THE FIRST TAR, AND WHEN THE FIRST CHANGE AMOUNT IS SMALLER THAN A PRESET THRESHOLD, THE TERMINAL DEVICE CANCELS THE FIRST TAR  
S202-4 BETWEEN THE FIRST MOMENT AND THE SECOND MOMENT, THE TERMINAL DEVICE IS PROHIBITED FROM GENERATING MAC CE SIGNALING, WHEREIN THE MAC CE SIGNALING IS USED FOR REPORTING TA  
AA FIRST SOLUTION  
BB SECOND SOLUTION  
CC THIRD SOLUTION  
DD FOURTH SOLUTION

(57) Abstract: The present application provides a communication method, comprising: a terminal device acquires GNSS position information in a preset time period, wherein the moment when the terminal device starts to acquire the GNSS position information is a first moment, and the moment when the terminal device completes acquisition of the GNSS position information is a second moment; after the GNSS position information is acquired, the terminal device triggers a timing advance report (TAR); or, between the first moment and the second moment, the terminal device is prohibited from triggering a TAR; or, between the first moment and

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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, 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。

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the second moment, the terminal device triggers a first TAR, and after the GNSS position information is acquired, the terminal device determines, according to a first change amount, whether to cancel the first TAR; or, between the first moment and the second moment, the terminal device is prohibited from generating a TAR MAC CE, wherein the TAR MAC CE is used for reporting TA. The scheme in the embodiments of the present application can improve the accuracy of TA reported by terminal devices.

(57) 摘要: 本申请提供了一种通信方法, 包括: 终端设备在预设时段获取GNSS位置信息, 其中, 终端设备开始获取GNSS位置信息的时刻为第一时刻, 终端设备完成GNSS位置信息获取的时刻为第二时刻; 在获取GNSS位置信息之后, 终端设备触发TAR; 或者, 在第一时刻到第二时刻之间, 终端设备禁止触发TAR; 或者, 在第一时刻到第二时刻之间, 终端设备触发第一TAR; 在获取GNSS位置信息之后, 终端设备根据第一变化量判断是否取消第一TAR; 或者, 在第一时刻到第二时刻之间, 终端设备禁止生成TA上报MAC CE, TA上报MAC CE用于上报TA。基于本申请实施例的方案能够提高终端设备上报TA的准确性。