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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: 石蒙 (SHI, Meng); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。张佳胤 (ZHANG, Jiayin); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong

518129 (CN)。刘荣宽 (LIU, Rongkuan); 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: 北京中博世达专利商标代理有限公司 (BEIJING ZBSD PATENT & TRADEMARK AGENT LTD.); 中国北京市海淀区交大东路 31 号 11 号楼 8 层, Beijing 100044 (CN)。

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(54) Title: INITIAL ACCESS METHOD AND COMMUNICATION APPARATUS

(54) 发明名称: 初始接入方法及通信装置

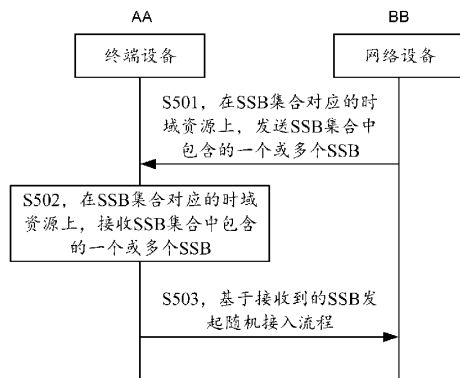


图 5

- S501 On a time-domain resource corresponding to an SSB set, send one or more SSBs which are included in the SSB set
- S502 On the time-domain resource corresponding to the SSB set, receive the one or more SSBs which are included in the SSB set
- S503 Initiate a random access procedure on the basis of the received SSB
- AA Terminal device
- BB Network device

(57) Abstract: Provided in the present application are an initial access method and a communication apparatus, which method and apparatus can reduce an initial access time delay, improve the access efficiency, and can be applied to various communication systems such as a 5G system, a 6G system, a satellite communication system, an Internet-of-Vehicles system and a V2X system. The method comprises: on a time-domain resource, which carries a synchronization signal/physical broadcast channel (SS/PBCH) block (SSB) set within one SSB period, a network device and a terminal device receiving one or more SSBs, and accessing a network on the basis of the received SSB, wherein the SSB set is a set where one or more SSBs are located; the maximum value of the number of SSBs in the SSB set is L_{max} , $L_{max} > 64$, and time-frequency resources of the one or more SSBs are related to an SFN which carries the SSB.

(57) 摘要: 本申请提供一种初始接入方法及通信装置, 能够降低初始接入时延, 提高接入效率, 可应用于5G系统、6G系统、卫星通信系统、车联网系统、V2X系统等各种通信系统中。该方法包括: 网络设备和终端设备在一个SSB周期内承载同步信号/物理广播信道SS/PBCH块SSB集合的时域资源上, 接收一个或多个SSB, 并基于接收到的SSB接入网络。其中, SSB集合为一个或多个SSB所在的集合; SSB集合中的SSB数量的最大值为 L_{max} , $L_{max} > 64$, 一个或多个SSB的时频资源与承载SSB的SFN相关。

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(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)。

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