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(54) **Title:** COMMUNICATION METHOD AND COMMUNICATION APPARATUS

(54) 发明名称: 一种通信方法及通信装置

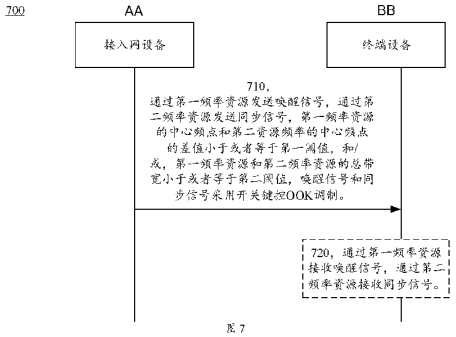



图 7

AA Access network device
BB Terminal device
710 Send a wake-up signal by means of a first frequency resource, and send a synchronization signal by means of a second frequency resource, wherein the difference between the center frequency point of the first frequency resource and the center frequency point of the second frequency resource is less than or equal to a first threshold, and/or the total bandwidth of the first frequency resource and the second frequency resource is less than or equal to a second threshold, and the wake-up signal and the synchronization signal are modulated by means of on-off keying (OOK)
720 Receive the wake-up signal by means of the first frequency resource, and receive the synchronization signal by means of the second frequency resource

(57) **Abstract:** The present application provides a communication method and a communication apparatus. The method comprises: an access network device sends a wake-up signal by means of a first frequency resource, and sends a synchronization signal by means of a second frequency resource, wherein the difference between the center frequency point of the first frequency resource and the center frequency point of the second frequency resource is less than or equal to a first threshold, and/or the total bandwidth of the first frequency resource and the second frequency resource is less than or equal to a second threshold, and the wake-up signal and the synchronization

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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, UY, UZ, VC, VN, WS, ZA, ZM, ZW。

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signal are modulated by means of on-off keying (OOK). By defining the center frequency points or the total bandwidth of a frequency resource (the first frequency resource) used for sending a wake-up signal and a frequency resource (the second frequency resource) used for sending a synchronization signal by an access network device, relative positions of the first frequency resource and the second frequency resource in frequency domain are specified, thereby achieving the purposes of controlling power consumption of a terminal device or reducing the complexity.

**(57)** 摘要: 本申请提供了一种通信方法及通信装置，该方法包括：接入网设备通过第一频率资源发送唤醒信号，通过第二频率资源发送同步信号，第一频率资源的中心频点和第二频率资源的中心频点的差值小于或者等于第一阈值，和/或，第一频率资源和第二频率资源的总带宽小于或者等于第二阈值，唤醒信号和所述同步信号采用开关键控OOK调制。通过对接入网设备发送唤醒信号的频率资源(第一频率资源)和发送同步信号的频率资源(第二频率资源)的中心频点或总带宽进行定义，从而约定了第一频率资源和第二频率资源在频域上的相对位置，以达到控制终端设备的功耗或降低复杂度的目的。