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(54) **Title:** SYNCHRONIZATION SIGNAL TRANSMISSION METHOD, TRANSMITTING END DEVICE AND RECEIVING END DEVICE

(54) **发明名称**: 同步信号传输的方法、发射端设备和接收端设备

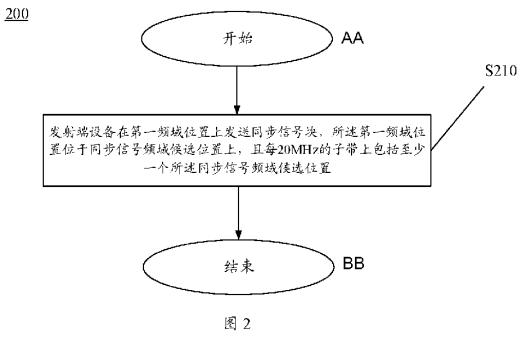

图 2

S210 A transmitting end device sends a synchronization signal block at a first frequency domain position, wherein the first frequency domain position is located at a frequency domain candidate position of a synchronization signal, and each 20 MHz subband comprises at least one of the synchronization signal frequency domain candidate positions

AA Start

BB End

(57) **Abstract:** Provided are a synchronization signal transmission method, a transmitting end device and a receiving end device. A frequency domain candidate position (also called SS raster) of a synchronization signal on an unlicensed frequency band is designed, the complexity of initial cell search is reduced, and the impact, on the other channels in a subband, of the position of the initial access of a cell in the unlicensed frequency band to a synchronization signal block in the subband is also reduced. The method comprises: a transmitting end device sending a synchronization signal block at a first frequency domain position, wherein the first frequency domain position is located at a frequency domain candidate position of a synchronization signal, and each 20 MHz subband comprises at least one of the synchronization signal frequency domain candidate positions.

(57) **摘要**: 本申请实施例提供了一种同步信号传输的方法、发射端设备和接收端设备，设计了非授权频段上的同步信号频域候选位置(也可以称之为SS raster)，可以降低了小区初搜的复杂性，同时减少了非授权频段的小区初始接入子带内同步信号块的位置对子带内其他信道的影响。该方法包括：发射端设备在第一频域位置上发送同步信号块，所述第一频域位置位于同步信号频域候选位置上，且每20MHz的子带上包括至少一个所述同步信号频域候选位置。

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本国际公布:
— 包括国际检索报告(条约第21条(3))。