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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: 孙欢(SUN, Huan); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 罗之虎(LUO, Zhihu); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 金哲(JIN, Zhe); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。 余政(YU, Zheng); 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: METHOD, APPARATUS AND SYSTEM FOR SENDING MULTICAST BROADCAST SERVICE

(54) 发明名称: 广播多播业务的发送方法、装置及系统

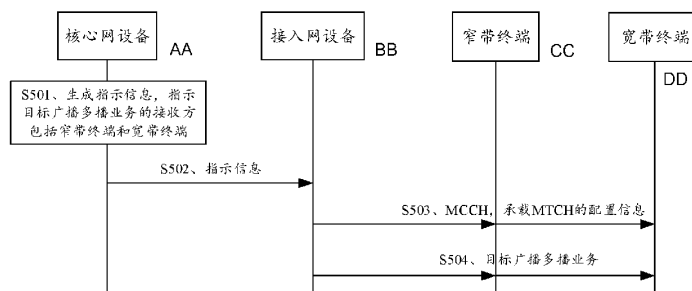


图 5

- S501 Generate indication information, which indicates that a receiver of a target multicast broadcast service comprises a narrowband terminal and a broadband terminal
S502 Indication information
S503 MCCH, which carries configuration information of an MTCH
S504 Target multicast broadcast service
AA Core network device
BB Access network device
CC Narrowband terminal
DD Broadband terminal

(57) Abstract: Provided in the present application are a method, apparatus and system for sending a multicast broadcast service. When a receiver of a multicast broadcast service comprises a narrowband terminal and a broadband terminal, the multicast broadcast service can be rationally configured and sent, so as to reduce resource overheads to the greatest extent. The method comprises: an access network device receiving indication information from a core network device; learning that a receiver of a target multicast broadcast service comprises a narrowband terminal and a broadband terminal; sending an MCCH to the narrowband terminal and the broadband

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terminal; sending, on a frequency domain resource corresponding to an MTCH of the target multicast broadcast service, a multicast broadcast service to the narrowband terminal and the broadband terminal, wherein configuration information of the MTCH is carried in the MCCH; and correspondingly, the narrowband terminal and the broadband terminal receiving the MCCH, and then receiving the target multicast broadcast service on the frequency domain resource corresponding to the MTCH, wherein a first frequency domain resource corresponding to the MCCH or a scheduling bandwidth occupied thereby does not exceed the maximum bandwidth capability of the narrowband terminal.

(57) 摘要: 本申请提供一种广播多播业务的发送方法、装置及系统, 在广播多播业务的接收方包括窄带终端和宽带终端的情况下, 能够合理地配置并发送该广播多播业务, 尽可能降低资源开销。该方法包括: 接入网设备接收来自核心网设备的指示信息, 获知目标广播多播业务的接收方包括窄带终端和宽带终端, 向窄带终端和宽带终端发送MCCH, 并在目标广播多播业务的MTCH对应的频域资源上向窄带终端和宽带终端发送广播多播业务。该MTCH的配置信息承载于MCCH中。相应的, 窄带终端和宽带终端接收MCCH后, 在MTCH对应的频域资源上接收目标广播多播业务。其中, MCCH对应的第一频域资源或占用的调度带宽不超过窄带终端的最大带宽能力。