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(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,

(54) Title: METHOD FOR INDICATING UNICAST SERVICE SUITABLE FOR MULTIPLE LINKS AND RELATED APPARATUS

(54) 发明名称: 适用于多链路的单播业务指示方法及相关装置

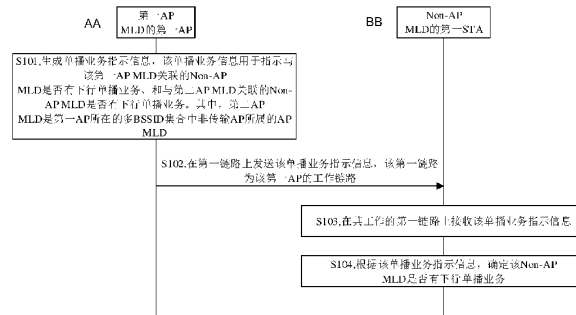


图 6

S101 Generate unicast service indication information, the unicast service information being used to indicate whether a non-AP MLD associated with the first AP MLD has a downlink unicast service and whether a non-AP MLD associated with a second AP MLD has a downlink unicast service, and the second AP MLD being the AP MLD to which a non-transmitted AP belongs in a multi-BSSID set in which the first AP is located
S102 Send the unicast service indication information on a first link, the first link being a working link of the first AP
S103 Receive the unicast service indication information on the first link in which same works
S104 Determine whether the non-AP MLD has a downlink unicast service according to the unicast service indication information
AA First AP of a first AP MLD
BB First STA of a non-AP MLD

(57) Abstract: The present application relates to the field of wireless communications, and relates in particular to a method for indicating a unicast service suitable for multiple links and a related apparatus, which, for example, are applied to a wireless local area network that supports a 802.11be standard. The method comprises: a first AP of a first AP MLD generates and sends unicast service indication information, for indicating whether a non-AP MLD associated with the first AP MLD has a downlink unicast service and whether a non-AP MLD associated with a second AP MLD has a downlink unicast service, the second AP MLD being the AP MLD to which a non-transmitted AP belongs in a multi-BSSID set in which the first AP is located. Therefore, some APs or all APs in some AP MLDs can be helped to indicate whether a site multi-link device associated therewith has a downlink unicast service, so as to assist the site multi-link device in correctly receiving a downlink unicast service.

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本国际公布:

- 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请涉及无线通信领域, 尤其涉及一种适用于多链路的单播业务指示方法及相关装置, 比如应用于支持802.11be标准的无线局域网中。该方法包括: 第一AP MLD的第一AP生成并发送单播业务指示信息, 用于指示与该第一AP MLD关联的Non-AP MLD是否有下行单播业务、和与第二AP MLD关联的Non-AP MLD是否有下行单播业务, 第二AP MLD是第一AP所在的多BSSID集合中非传输AP所属的AP MLD。从而可以帮助部分AP MLD中的某些AP或所有AP指示与其关联的站点多链路设备是否有下行单播业务, 以辅助站点多链路设备正确接收下行单播业务。