

ABSTRACT

This application relates to the communication field, and in particular, to a sensing by proxy method and a communication apparatus. The solution may be applied to a WLAN system that
5 supports 802.11 series protocols such as a next-generation Wi-Fi protocol of IEEE 802.11ax, for example, 802.11be, Wi-Fi 7, or EHT, and a next-generation protocol of the 802.11be or Wi-Fi 8, and may be further applied to a UWB-based wireless personal area network system and a sensing (sensing) system, for example, a 802.11bf protocol. In the method, an SBP responder may determine, based on a result of a sensing measurement setup of a sensing responder, whether to
10 accept an SBP request, and accept the SBP request when the result of the sensing measurement setup is successful, to increase a success rate of an SBP setup, thereby improving sensing efficiency.

Fig. 5