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(54) CONFIGURATION MODULE FOR CONFIGURING A NETWORK DEVICE OF A RADIOFREQUENCY SENSING NETWORK

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(57) **ABSTRACT**

A configuration module for configuring a network device of a radiofrequency sensing network is provided. The control module comprises a network information providing unit for providing network information, wherein the network information includes information indicative of a deviation between a current sensitivity of the sensing network and a desired sensitivity of the sensing network. The control module further comprises an operating variable determining unit for determining an operating variable of the network device based on a predetermined relation between the operating variable of the network device and the sensitivity of the sensing network and on the information indicative of the deviation between the current sensitivity of the sensing network and the desired sensitivity of the sensing network such that the deviation decreases when the network device is configured based on the determined operating variable, and a configuration unit for configuring the network device based on the determined operating variable.