

ABSTRACT

An environmental monitoring device (100), an environmental monitoring system and an environmental monitoring method. The environmental monitoring device (100) includes a radio frequency identification (RFID) tag (10), a radio frequency (RF) reading module (20), and a determination circuit (30). The radio frequency identification tag (10) is configured to transmit air quality information about an interior of a target device (200). The RF reading module (10) is configured to receive and read the air quality information. The determination circuit (30) is configured to determine whether the air quality information meets an air quality standard. When the air quality information does not meet the air quality standard, a warning message is generated.

Fig. 1