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Abstract

SENTINEL PLATFORM FOR SENSOR NETWORK

- 5 A data logger that comprises a central processing unit for signal processing, a memory device connected to the central processing unit for storing the data, an electronic circuit connected to both the central processing unit and the memory device, and a power supply further connected to the electronic circuit for providing electricity to the data logger. The electronic circuit comprises an universal interface for
- 10 connecting different types of sensors via various communication modes. A Sentinel Platform comprises the data logger, a base station having a microcontroller connected to the data logger for data processing, and a data storage device connected to the data logger, the microcontroller or both for data storage.

15 [Figure 10]



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