

Technology Title: Autonomous Magnetic Measurement System

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ABSTRACT

Keywords: magnetic field; measurement; autonomous; magnetic; sensor

A system for autonomous monitoring of AC and DC background magnetic fields associated with power lines, electronic devices, electronic vehicles and the Earth. The system enables the measurement of the natural variability of magnetic fields over specified periods of time within a specified proximity. Components include a series of three axis analog magnetic sensors, a fluxgate compass and a programmable micro-controller. The micro-controller receives data from the sensor and compass and is programmed to detect anomalous magnetic signals having particular characteristics of interest. Protected under U.S. Pat. No. 8,321,161.

THUMBNAIL

System for autonomous monitoring of electronic devices and electric power transmissions available for commercialization under a patent license agreement.



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