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(54) Title: TELEMETRY OF DIAGNOSTIC MESSAGES FROM A MOBILE ASSET TO A REMOTE STATION

(57) Abstract

A telemeter for telemetry of diagnostic messages from a mobile asset to a remote station comprises a processor coupled to the output of one or more condition sensors. The processor converts the output of the condition sensors to a diagnostic message, and provides the diagnostic message at a processor output. A transmitter is coupled to the processor output. The transmitter is adapted to transmit the diagnostic messages in the Industrial, Scientific, Medical (ISM) frequency band. An exemplary embodiment of a telemetry system of the invention comprises a telemeter adapted to transmit diagnostic messages in the ISM frequency band, and a remote station including a receiver for receiving the diagnostic messages in the ISM band.

