

Abstract

Embodiments of the present invention relate to the technical field of fault detection, and provide a mobile fault detection method and system for a moving device. The method comprises: circularly acquiring detection signals in a device arrangement area; classifying the
5 detection signals, and selecting a preset fault diagnosis model on the basis of a classification result; extracting features of the detection signals to obtain feature information; and training the selected fault diagnosis model on the basis of the feature information, and identifying a faulty device on the basis of a training result. The solution of the present invention realizes the mobile detection of a moving device, is a multi-signal-type fault detection solution, fully
10 considers influence factors of a spatial position change of signal acquisition on the signal features, and improves the fault detection precision.

[Fig. 1]