

SYSTEM LEVEL FAULT DIAGNOSIS FOR THE AIR MANAGEMENT SYSTEM OF AN AIRCRAFT

ABSTRACT

A hierarchical fault detection and isolation system, method, and/or computer program product that facilitates fault detection and isolation in a complex networked system while reducing the computational complexity and false alarms is provided. The system, method, and/or computer program product utilizes a system level isolation and detection algorithm and a diagnostic tree to systematically isolate faulty sub-systems, components, etc. of the complex networked system.

FIG. 1