

METHOD AND SYSTEM FOR TESTING PERFORMANCE OF ELECTRIC APPLIANCES

ABSTRACT

Assembly lines incorporates an test line capable of operating electric appliance in a simulation mode and measuring at least one physical quantity observable for the appliance operating in the simulation mode. The inventive method includes: a step of automatically measuring the physical quantity during the simulation mode operation after a predetermined time elapsed subsequent to the start up of the operation; and a step of determining whether a currently measured value of the physical quantity falls within a first reference range having preset upper and lower limits until the number of measurement reaches a first predetermined number, and, after the number of measurement has reached said first predetermined number, whether the currently measured value falls within a second reference range which is calculated from the predetermined number of consecutive measurements that precede the current measurement. Since the test line is incorporated within assembly lines, the production efficiency of the lines is improved.

Figure 14

This Sheet Has Been Replaced :

