

Abstract

Diagnostic and Troubleshooting System for Electrical Appliances

Described herein is a diagnostic and troubleshooting system for electrical appliances. The invention relates to a system and method for monitoring refrigerant in an electrical appliance. The system comprises a current sensor for measuring a current value drawn by a compressor, a controller configured to process the current value and provide an output in relation to the refrigerant level and a display for indicating a refrigerant level in the electrical appliance based on the current value drawn by the compressor. The display indicates that the refrigerant level is sufficient if the current value is equal a first predefined threshold. The display indicates that the refrigerant level is insufficient if the current value is lower than a second predefined threshold. The invention further relates to a method for troubleshooting a motor.

[Figure 1]