ABSTRACT

AGGREGATING REEFER PARAMETERS AND INSPECTION TEST RESULTS FOR ALLOCATION OF HEALTHY REEFERS WITH HIGH CONFIDENCE

A method of monitoring a health of a transportation refrigeration unit including: receiving at least one of an alarm of one or more components of the transportation refrigeration unit, test data on the one or more components of the transportation refrigeration unit, historical trip data of the transportation refrigeration unit, or service data of the transportation refrigeration unit; receiving reefer parameters of the transportation refrigeration unit; determining a health score of the transportation refrigeration unit based on at least the reefer parameters; and determining a maintenance action for transportation refrigeration unit based on the health score and at least one of the alarm, the test data, the historical trip data, or the service data.

[Figure 4]