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1. AU2021107427 - ARTIFICIAL INTELLIGENCE BASED SMART COMPUTING ON-BOARD ECU FOR PREDICTING VEHICLE PARTS RELIABILITY AND FAILURE

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Title
[EN] Artificial Intelligence based Smart Computing On-Board ECU for Predicting Vehicle Parts Reliability and Failure

Figure

B	PERFORMING OPERATIONS; TRANSPORTING
60	VEHICLES IN GENERAL
W	CONJOINT CONTROL OF VEHICLE SUB-UNITS OF DIFFERENT TYPE OR DIFFERENT FUNCTION; CONTROL SYSTEMS SPECIALLY ADAPTED FOR HYBRID VEHICLES; ROAD VEHICLE DRIVE CONTROL SYSTEMS FOR PURPOSES NOT RELATED TO THE CONTROL OF A PARTICULAR SUB-UNIT
50	Details of control systems for road vehicle drive control not related to the control of a particular sub-unit

Abstract
[EN] Now a days Vehicle monitoring system are vital important for each vehicle. This helps for the user aware of defects or emerging problems that will occur on the vehicle. It helps to take proactive steps to repair the defects before it causes major problems. In this present invention it provides a design of a smart computing system with artificial intelligence along with data analysis technique to analyze the condition of the parts in the vehicles for either replacement or possible to continue in operating condition . Here the facility of data log helps for long term data analysis of the reliability of the vehicle parts. This creates a remarkable changes in the future vehicles management.

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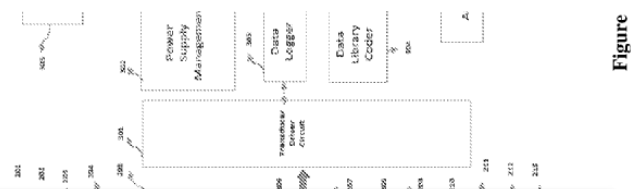Srinagesh, Ayyagari DR
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