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Issued Patent Information

6,295,492

System for Transmitting and Displaying Multiple, Motor Vehicle Information

This patent describes an in-vehicle telematics device that collects diagnostic and location based information from a vehicle and sends this information through a wireless network to an Internet-accessable website

6,594,579

Internet-Based Method for Determining a Vehicle's Fuel Efficiency

This patent describes an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to monitor the vehicle's fuel efficiency.

6,604,033

Wireless Diagnostic System for Characterizing a Vehicle's Exhaust Emissions

This patent describes an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to determine the vehicle's emissions status.

6,611,740

Internet-Based Vehicle-Diagnostic System

This patent describes an in-vehicle telematics device that can be programmed over the air. The Patent also claims an Internet-accessible website that features both a 'dealer' and 'consumer' interface.

6,636,790

Wireless Diagnostic System and Method for Monitoring Vehicles

This patent describes an in-vehicle telematics device that collects both diagnostic and location-based information from a vehicle's OBD connector, and sends this information through a wireless network to an Internet-accessible website.

6,732,031

Wireless Diagnostic System for Vehicles

Patent describing an in-vehicle telematics device that collects both diagnostic and location-based information from a vehicle's OBD connector, and sends this information through a wireless network to an Internet-accessible website. For example, claims 5 and 9 involve wirelessly collecting a variety of specific vehicle data. Claims 106-114 display information on a graphical user interface (screen display) accessible on the Internet.

6,732,032

Wireless Diagnostic System for Characterizing a Vehicle's Exhaust Emissions

Patent describing an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to determine the vehicle's emissions status. For example, claims 8-9, and 24, involve remote smog tests, with results accessed on the Web, including real time monitoring. It also represents a lobbying opportunity, to have government accept remote tests for compulsory smog checks.

6,928,348

Internet-Based Emissions Test for Vehicles

Patent describing an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to perform an emissions test according to an EPA-mandated algorithm. For example, claims 58 and 59 involve specific remote emission tests, including DTC's (Diagnostic Trouble Codes), MIL's (Malfunction Indicator Lights), and I/M readiness flags (inspection and maintenance readiness flags).

6,879,894

Internet-Based Emissions Test for Vehicles

Patent describing an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to perform an emissions test according to an EPA-mandated algorithm.

6,957,133

Small-Scale, Integrated Vehicle Telematics Device

Patent describing the next generation of GPS based vehicle telematics "boxes" with "modularization" claims, including both an ASIC for multiple vehicle communication protocols for different OBD-II systems, and a GPS module. This attempts to get the "smoke back in the bottle" for broad GPS telematics, for the next generation in-vehicle telematics boxes.

6,988,033

Internet-Based Method for Determining a Vehicle's Fuel Efficiency

Patent describing an in-vehicle telematics device that collects diagnostic information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the diagnostic information to monitor the vehicle's fuel efficiency. For example, claim 1 involves remotely monitoring a vehicle's mileage, displaying data on a webpage, and sending e-mail notices to a user when mileage drops below a certain level.

7,113,127

Wireless Vehicle-Monitoring System Operating on Both Terrestrial and Satellite Networks

Patent describing an in-vehicle telematics box that automatically selects whether to transmit data wirelessly through a terrestrial wireless system, or through a satellite wireless system when the terrestrial system is not available.

7,174,243

Wireless, Internet-Based System for Transmitting and Analyzing GPS Data

Patent Application describing an in-vehicle telematics device that collects location-based information from a vehicle and sends this information through a wireless network to an Internet-accessible website. There, the host computer system processes the information to determine the vehicle's location. Claims target features including the remote virtual speedometer monitor, stolen vehicle recovery, dispatch of roadside assistance, automatic calling and e-mailing, remote virtual locking of the vehicle, and Internet access to vehicle location maps and route maps.

7,225,065

In-Vehicle Wiring Harness with Multiple Adaptors for an Onboard Diagnostic Connector

Patent Application describing a plug-in wiring harness that allows an in-vehicle telematics box to be hidden while connected to a factory-installed OBD connector, and presenting an available OBD connector plug for use by a plug-in diagnostic tool. This permits a garage mechanic to use a plug-in diagnostic tool with the OBD connector without disconnecting the vehicle telematics box. The harness also deters thieves from disconnecting the telematics box, to disable the stolen vehicle location function.

7,228,211

Telematics Device for Vehicles with an Interface for Multiple, Peripheral Devices

Patent Application describing communication from an in-vehicle telematics device to both a central server and to one or more peripheral devices, including an LCD display and keyboard, a mobile phone, a PDA, a panic button, a Blue Tooth transmitter, or a secondary modem.

Issued

Internet-Based Vehicle-Diagnostic System

Patent Application describing an in-vehicle telematics device that can be programmed over the air. The Patent also claims an Internet-accessible website that features both a 'dealer' and 'consumer' interface. Claims target remote queries for real-time updates of selected vehicle data.

Issued

In-Vehicle Wiring Harness with Multiple Adaptors for an Onboard Diagnostic Connector

Patent Application describing a plug-in wiring harness that allows an in-vehicle telematics box to be hidden while connected to a factory-installed OBD connector, and presenting an available OBD connector plug for use by a plug-in diagnostic tool. This permits a garage mechanic to use a plug-in diagnostic tool with the OBD connector without disconnecting the vehicle telematics box. The harness also deters thieves from disconnecting the telematics box, to disable the stolen vehicle location function.

For additional information
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