

Title (en)

AN EMISSION MONITORING AND TRANSMISSION SYSTEM AND THE METHOD THEREOF

Title (de)

EMISSIONSÜBERWACHUNGS- UND MELDUNGSSYSTEM SOWIE VERFAHREN DAFÜR

Title (fr)

SYSTÈME DE SURVEILLANCE ET DE TRANSMISSION D'ÉMISSIONS ET SON PROCÉDÉ

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Abstract (en)

[origin: WO2010116381A1] The present invention describes an emission monitoring and transmission system and the method thereof. In one embodiment, the system for an appliance such as a vehicle includes an emission monitoring device coupled with the vehicle for monitoring gases emitted from the vehicle and to calculate the VEU; and a means to receive the VEUs through a suitable communication technology for storing and reporting the received VEUs. In another embodiment, the method includes the steps of sensing gases emitted from the exhaust of the vehicle using one or more gas sensors; interfacing data associated with the sensed gases to an A/D converter; converting the data from analog format to digital output using the A/D converter; processing the digital output to calculate vehicular emission units (VEUs) using the microprocessor; storing the VEUs in a data storage unit; and transmitting the stored VEUs to a back-end unit through suitable communication technology.

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