

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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Application
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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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Citation (search report)
• [X] US 2006009889 A1 20060112 - BERNARD LEE [US]
• [Y] US 2007179683 A1 20070802 - OKEKE LOTENNA [GB]
• [Y] US 3973848 A 19760810 - JOWETT TERENCE W, et al
• [A] WO 9837405 A1 19980827 - ENVIROTEST SYSTEMS CORP [US]
• [A] GB 2410560 A 20050803 - TECHNICAL CONCEPT SOLUTIONS LT [GB]
• See references of WO 2010116381A1

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