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Patent Search

Invention Title	INTERNET OF THINGS AND RADIO FREQUENCY IDENTIFICATION ENABLED SMART CITIES FOR POLLUTION MONITORING FROM VEHICLE
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Abstract:

INTERNET OF THINGS AND RADIO FREQUENCY IDENTIFICATION ENABLED SMART CITIES FOR POLLUTION MONITORING FROM VEHICLES Abstract: The Internet of Thin network that connects diverse electronic devices and pieces of technology, eliminating the need for humans to do any tasks. This has the potential to make cities thro world at least as smart as they are now, if not smarter. The Internet of Things has played a significant role in the development of smart city systems, serving as a hub technologies and facilitating their collaboration. With the assistance of these systems, individuals can live more sustainably and obtain more from daily life. In order t effective, the Internet of Things for Smart Cities must incorporate a variety of industries and technologies. This project aims to monitor the amount of pollution a poll produces into the atmosphere while travelling on public roads. A number of countries and regions have set emission guidelines to address this issue. In the meanwh have been made to, among other things, improve fuel quality and internal combustion engines. Contrary to our predictions, however, these actions have had little eff system employs RFID technology since it has been available for a long time and is a low-cost method for wireless communication. In conjunction with this strategy, th Things (IoT) is offered as a means of collecting and disseminating vehicle emission data. Additionally, RFID devices should be deployed at traffic lights so that emissio may be reliably read when vehicles stop at red lights. With this technology in place, it is now possible to establish a sustainable transportation network.

Complete Specification

Description:Descriptions
With the world's population expected to increase by more than 10% over the next 30 years and the proportion of people living in cities projected to reach 70% by 20 countries are investigating ways to better prepare their cities for the influx of people and the strain this will place on existing infrastructure. This action was taken si projections indicate that the global population would continue to increase over the next 30 years. The United Nations' Sustainable Development Goals for 2030 will examined. Numerous public and private sector projects indicate that the concept of "smart cities" has become a major initiative that many governments are pursuir make cities easier to navigate and more hospitable to the anticipated population growth, as well as to improve the quality of life for city residents. In this study, we examine how the Internet of Things is used in "Smart Cities" to approximate its prevalence. In this article, we will examine how the Internet of Things (IoT) contribute the development of smart city projects. As a result of academics' keen interest in this topic, a number of pertinent surveys were uncovered throughout the literature search. The authors rated the obstacles of incorporating IoT into smart cities based on their knowledge. Both academics and entrepreneurs have become intereste Internet of Things in recent years. LoR is a networked device system that connects all of its devices. Each device has a unique identifier and uses established protoco communicate with other devices. This network can be viewed as a network of distributed sensors. Carbon monoxide and nitrogen oxides are two byproducts create when fuel is burned in an internal combustion engine and residual air and fuel are expelled through the exhaust. In addition, when a vehicle is refuelled or when hig temperatures or normal driving conditions cause fuel to evaporate in the engine or fuel system, harmful gases are released into the atmosphere. Some of the effec various exhaust gases are examined in greater detail in the next section. Carbon monoxide decreases the amount of oxygen that the blood can carry, hence restrict amount of oxygen that the body's most critical organs can consume. Excessive exposure, such as that caused by clogged flues in residential boilers, can be lethal. Ca

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TITLE OF INVENTION	INTERNET OF THINGS AND RADIO FREQUENCY IDENTIFICATION ENABLED SMART CITIES FOR POLLUTION MONITORING FROM VEHICLES
FIELD OF INVENTION	COMPUTER SCIENCE
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➡️ Disposed
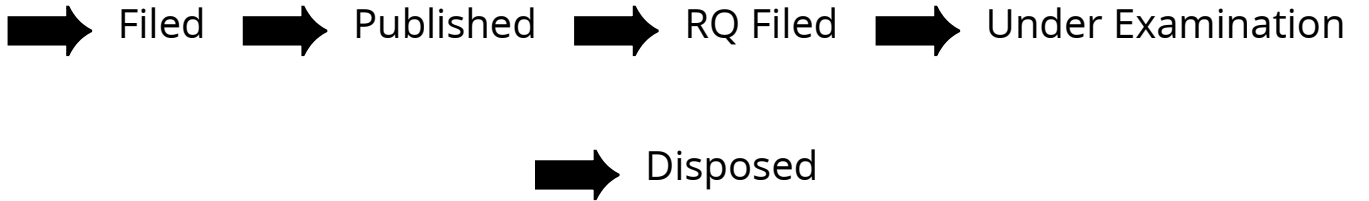
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