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Application nº: **Patent 201830418**

Int. Classification:

Title: **MANAGEMENT SYSTEM OF AN INSTALLATION BASED ON THE LEVEL OF EFFICIENCY OF THE VEHICLE**

Description:

The present invention refers to a management system of an installation based on the level of efficiency of a vehicle. The system of the invention allows to control determined services, for example those provided in a Smartcity environment, based on the levels of polluting emissions associated to a determined vehicle or based on the use that is given to the vehicle. Additionally, the system of the invention allows, for instance, to control the polluting emissions produced by a vehicle to establish, for example, a specific tax to be applied to the vehicle based on its level of emissions. The management system of the level of efficiency of the vehicle object of the present invention is of special application in the field of industries or public administrations that offer services to vehicles in a variety of facilities, such as service stations, car parks, roads, etc., and finally these would include urban authorities such as police. The system allows the linking of users with each other and with infrastructures like a social network that allows the dissemination of incidents in the course of driving. Among others, it will be linked to the traffic agencies in each country, such as the General Directorate of Traffic in the case of Spain.

Advantages of the invention:

- 1.-The present invention is of great comercial advantage to the company that encourages client loyalty in REPSOL petrol stations.*
- 2.- The system helps with the sustainability of the comsuption process of the vehicles with internal combustión, as it rationalises its use and consumption.*
- 3.- It provides a great service to the dirver as it can control the efficiency of his vehicle (or fleet of vehicles) online.*
- 4.- The system is applicable to any other type of infrastructure, such as the use of toll highways.*
- 5.- It collaborates with local councils as it enables control over the accesses to population centres.*
- 6.-The use of Blockchain technology allows to guarantee the integrity of the management and use of the system on behalf of its users.*

Current weaknesses :

- 1.- The main bottleneck is currently not having the means to develop a prototype of the system proposed in the invention.*
- 2.- The system has not been implement as of yet because it has not been disclosed.*

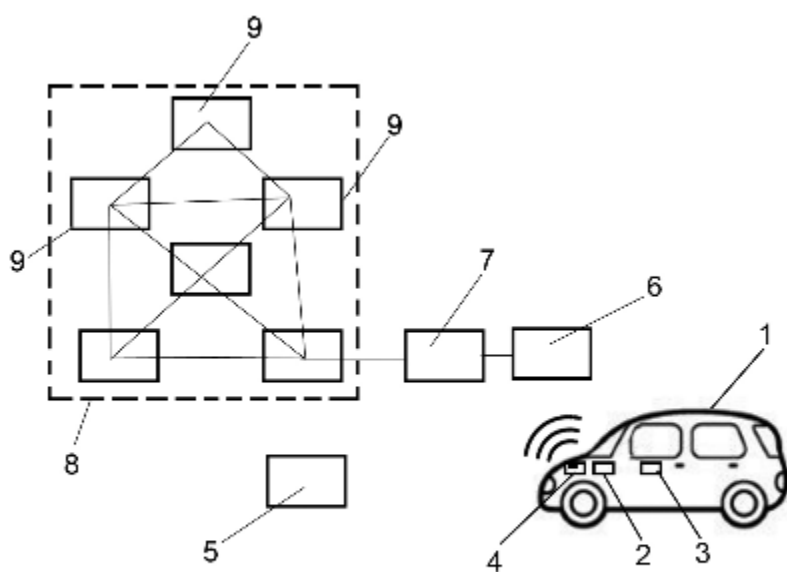


FIG.1

Clasificación: