

Claims

[Claim 1]

A vehicle management system that manages position information of a vehicle, the vehicle management system comprising:

a terminal device including:

an identification-information acquiring unit configured to acquire identification information from an information retainer attached to the vehicle and retaining the identification information;

a specific-information acquiring unit configured to acquire specific information for specifically identifying one vehicle with the information retainer attached thereto;

a position-information acquiring unit configured to acquire position information of the vehicle, the position information being information concerning a position of the one vehicle; and

a transmitting unit configured to transmit association information associating the identification information, the vehicle specific information, and the position information of the vehicle with each other to an outside; and

a server device including:

a receiving unit configured to receive the association information; and

a storing unit configured to store the received association information,

wherein the server device searches a position of the vehicle based on the specific information and the identification information.

[Claim 2]

The vehicle management system according to claim 1, wherein the server device associates the identification information and the specific information with a date when the association information was acquired, and stores in the storing unit.

[Claim 3]

The vehicle management system according to claim 1 or 2, wherein the server device includes a reward calculating unit configured to calculate a reward that should be granted to a transmitter who transmits the association information.

[Claim 4]

The vehicle management system according to any one of claims 1 to 3, wherein the server device determines whether the association information acquired anew is changed from the association information already acquired and, when there is a change, performs calculation of a reward corresponding to a degree of the change.

[Claim 5]

The vehicle management system according to any one of claims 1 to 4, wherein the server device includes a notifying unit configured to, when it is determined that the identification information and the specific information are associated and are stored in the storing unit, notify the terminal device that the specific information is already acquired.

[Claim 6]

The vehicle management system according to any one of claims 1 to 5, wherein the server device causes the terminal device to display position information of the vehicle.

[Claim 7]

A vehicle management system that manages position information of a vehicle, the vehicle management system comprising:

- a terminal device including:

- an identification-information acquiring unit configured to acquire identification information from an information retainer attached to the vehicle and retaining the identification information;

- a specific-information acquiring unit configured to acquire specific information for specifically identifying one vehicle with the information retainer attached thereto;

- a position-information acquiring unit configured to acquire the position information of the vehicle, the position information being information concerning a position of the one vehicle; and

- a transmitting unit configured to transmit association information associating the identification information and the position information of the vehicle with each other to an outside; and

- a server device including:

- a receiving unit configured to receive the association information;

a storing unit configured to store the received association information; and
a calculating unit configured to compare a newly received association information with an already acquired association information and perform calculation of a reward corresponding to a degree of a change of the association information,
wherein the server device searches a position of the vehicle based on the specific information and the identification information.

[Claim 8]

The vehicle management system according to claim 7, wherein the server device associates the identification information and the specific information with a date when the association information was acquired, and stores in the storing unit.