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Abstract

MOTOR VEHICLE SHARING SYSTEM

When a user accesses a control center by using a portable terminal, whether or not a "reserved rental" is available is designated according to a date in which the shared motor vehicle is used. For example, only the "non-reserved rental" is permitted from Monday through Friday in which a motor vehicle is often used for a short period of time. "Reserved rental" is compatibly employed on Saturday, Sunday, and holiday in which a motor vehicle is used on a planned schedule. It is determined whether or not the designated date indicates that a reservation is possible, thus, if the designated date indicates that a reservation is possible, a reservation is accepted. Thus, a useful motor vehicle sharing system for the user can be provided in which an operating ratio of the motor vehicles does not decrease even if the "reserved rental" and the "non-reserved rental" coexist. Also, when a user accesses a control center by using a portable terminal, a number or the motor vehicles which are parked in each port is calculated according to an inputted reservation condition. If there is a port in which it is difficult to park more motor vehicles, a reservation for using the motor vehicle which is supposed to arrive the port is stopped. The stopped reservation is allocated to the motor vehicle after the port has a vacancy for parking the shared motor vehicle; thus, a message that a reservation is completed is transmitted to the user. Also, it is determined whether or not a model of a shared motor vehicle which is actually requested to use by the user is the same as the reserved model. If the model of a shared motor vehicle which is requested to use by the user is not the same as the reserved model, the number of the motor vehicle which can be used and the number of the reserved motor

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vehicles are changed for both of the present model and the reserved model; thus, it is permitted that the user may enter the motor vehicle of the present model, and a rental permission transmitted to the shared motor vehicle.