

ABSTRACT

[Problem] Provided is a battery management system of an electric vehicle suitable for a sharing service.

[Solution] A battery management system 100 includes: an electric vehicle 2 capable of travelling by driving a motor with an exchangeable battery 1; a battery station 3 capable of charging the battery 1 by adjusting a charging speed; and a management server 4 connected to the electric vehicle 2 and the battery station 3 through a communication network. The management server 4 quantitatively evaluates exchangeability of the battery 1 stored in the battery station 3, on the basis of at least a position of the electric vehicle 2 and a battery remaining amount of the battery 1 mounted on the electric vehicle 2, determines the charging speed of the battery 1 of the battery station 3, on the basis of an evaluation value of the exchangeability of the battery 1, and transmits control information relevant to the determined charging speed, to the battery station 3.