ABSTRACT

According to embodiments, an electric bus includes an electricity storage function unit, a power receiving unit, a charger, a driving unit, doors, and a controller. The power receiving unit receives electric power supplied from an external device by coming into contact with a power feeding unit of the external device. The charger charges the electricity storage function unit with the electric power received from the power receiving unit. The driving unit drives the electric bus by receiving supply of the electric power from the electricity storage function unit. The doors are installed at entrance and exit portions. The controller transmits a first signal including information capable of identifying an attribute of the electric bus and instructing the external device to start charging the electricity storage function unit, to the external device, upon detecting at least one of the doors is opened; and transmits a second signal instructing the external device to stop charging the electricity storage function unit, to the external device, upon detecting all the doors are closed.