

ABSTRACT

VEHICLE

A vehicle configured such that an on-board battery is chargeable by receiving electric power from a power supply outside the vehicle includes an inlet, a voltage sensor that detects an input voltage that is a voltage input from the power supply to the inlet, and a control device configured to execute a detection process when connected to the inlet. The detection process includes a first process that suspends charging when a difference between the input voltage before a start of the charging and the input voltage after the start of the charging is equal to or larger than a threshold value, and a second process that stops the charging when a difference between the input voltage during suspension of the charging in the first process and the input voltage after resumption of the charging is equal to or larger than the threshold value.

Selected Drawing: FIG. 4