[CLAIMS]

[Claim 1]

A power supply control device for controlling power supply to an onboard device mounted in a vehicle, the power supply control device comprising:

a boarding detection signal receiver configured to receive a detection signal from a boarding detection unit configured to detect boarding of the vehicle by a user before an engine of the vehicle is started; ~~and~~

a power supply control unit configured to supply power from a battery mounted in the vehicle to the onboard device upon receiving the detection signal; and

a timer unit configured to measure an elapsed time since power was supplied to the onboard device until the engine of the vehicle is started,

wherein the power supply control unit is configured to compare the elapsed time with a predetermined determination time, and cut off power supply from the battery mounted in the vehicle to the onboard device if the elapsed time exceeds the predetermined determination time,

wherein the power supply control unit is configured to supply power from the battery mounted in the vehicle to the onboard device if the engine of the vehicle is started after the power supply to the onboard device is cut off as a result that the elapsed time exceeded the predetermined determination time.

[Claim 2]

The power supply control device according to claim 1, wherein the onboard device is configured to be started when power has been supplied from the battery mounted in the vehicle to the onboard device, and is configured not to provide a service to the user until the engine of the vehicle is started ~~if it becomes possible to provide a service to the user before the engine of the vehicle is started~~.

[Claim 3]

The power supply control device according to claim 1 or 2, ~~further comprising a timer unit configured to measure an elapsed time since power was supplied to the onboard device until the engine of the vehicle is started,~~

~~wherein the power supply control unit is configured to cut off power supply from the battery mounted in the vehicle to the onboard device if the engine of the vehicle is not started within a predetermined determination time after power was supplied to the onboard device~~ wherein the boarding detection unit is a temperature sensor.

[Claim 4]

A vehicle comprising:

the power supply control device according to any one of claims 1 to 3;

the battery;

the onboard device; and

the boarding detection unit.

[Claim 5]

A power supply control method for controlling power supply to an onboard device mounted in a vehicle, the power supply control method comprising:

a boarding detection signal receiving step of receiving a detection signal from a boarding detection unit configured to detect boarding of the vehicle by a user before an engine of the vehicle is started; ~~and~~

a power supply control step of supplying power from a battery mounted in the vehicle to the onboard device upon receiving the detection signal; and

a step of measuring an elapsed time since power was supplied to the onboard device until the engine of the vehicle is started,

wherein the power supply control step includes:

a step of supplying power from the battery mounted in the vehicle to the onboard device if the engine of the vehicle is started after the power supply to the onboard device is cut off as a result that the elapsed time exceeded the predetermined determination time.

[Claim 6]

A power supply control program causing a computer serving as a power supply control device for controlling power supply to an onboard device mounted in a vehicle to function as:

a boarding detection signal receiver configured to receive a detection signal from a boarding detection unit configured to detect boarding of the vehicle by a user before an engine of the vehicle is started; ~~and~~

a power supply control unit configured to supply power from a battery mounted in the vehicle to the onboard device upon receiving the detection signal; and

a timer unit configured to measure an elapsed time since power was supplied to the onboard device until the engine of the vehicle is started,

wherein the power supply control unit is configured to compare the elapsed time with a predetermined determination time, and cut off power supply from the battery mounted in the vehicle to the onboard device if the elapsed time exceeds the predetermined determination time,

wherein the power supply control unit is configured to supply power from the battery mounted in the vehicle to the onboard device if the engine of the vehicle is started after the power supply to the onboard device is cut off as a result that the elapsed time exceeded the predetermined determination time.