

ABSTRACT

The present invention relates to a system for automatically assembling a vehicle insulator, the system comprising: a gripper provided with a guide pin, a fastener coupling part, and a vacuum suction part for extracting an insulator loaded in a supply unit; an assembly robot for assembling the insulator to a lower panel of a vehicle; and a controller which moves the gripper to insert a guide pin into a fixing groove of the loaded insulator and fix the fastener coupling part to a fastener of the insulator, moves the gripper toward the lower panel of the vehicle in a state in which the insulator is fixed to the gripper by the vacuum suction part, and controls the assembly robot to assemble the insulator to the lower panel of the vehicle in a state in which the insulator is supported by the gripper.

FIG. 2