

ABSTRACT

Object: A liquid material application apparatus and a liquid material application method are provided with which a liquid material can be discharged in a predetermined discharge amount per unit time regardless of a relative moving speed in a series of application works.

Solution: The liquid material application apparatus includes a discharge head, a robot moving the discharge head relative to a workpiece, a movement control unit controlling relative movement of the discharge head and the workpiece, and a discharge control unit controlling an operation of discharging a liquid material from a discharge head, wherein the discharge control unit executes, in a switchable manner in accordance with an application program, first mode discharge control of changing a discharge amount of the liquid material, which is discharged from the discharge head per unit time, depending on a relative moving speed between the discharge head and the workpiece, and second mode discharge control of operating the discharge head to discharge the liquid material in a predetermined discharge amount per unit time regardless of the relative moving speed. The liquid material application method is implemented using the liquid material application apparatus.