

ABSTRACT

[Problem] To provide a device and a method with which application work can be carried out without causing variations in discharge amount even on a stage under heating while temperature of a liquid material is adjusted by a temperature control device.

[Solution] A liquid material discharge device comprising a discharge port, a liquid chamber in communication with the discharge port, and a temperature control device adjusting a temperature of the liquid chamber, the liquid material discharge device discharging the liquid material from the discharge port while a workpiece and the discharge port are moved relative to each other, wherein the liquid material discharge device includes a coolant flow path through which a coolant for heat exchange with the temperature control device flows, and a discharge control device controlling a discharge operation. An application device including the liquid material discharge device and an application method using the application device are also provided.

Figure 1