

ABSTRACT

[Problem] To provide a device and a method that are for discharging a liquid that has solid particles dispersed therein, wherein additional structures for dispersing the solid particles are kept to a minimum. [Solution] A discharge device and a coating device. The discharge device is provided with: a storage container for a solid-particle-containing liquid material; a measurement part that has a measurement hole; a plunger that is inside the measurement hole; a nozzle; a switching valve that has a first position, at which the storage container and the measurement part are made to communicate, and a second position, at which the measurement part and the nozzle are made to communicate; a plunger drive device; a switching valve drive device; and a discharge control device. The discharge device has a discharge control program that includes: a filling step wherein the switching valve is put into the first position and the inside of the measurement hole is filled with the liquid material; an excretion step wherein the switching valve is put into the second position and the liquid material inside the measurement hole is discharged from a discharge port; an inflow step wherein the switching valve is put into the first position and the liquid material inside the measurement hole flows into the storage container; a discharge step wherein the filling step and the excretion step are executed in succession; and a mixing step wherein the filling step and the inflow step are executed continuously in succession.