

ABSTRACT

NOZZLE BOTTOM POOL DETECTION METHOD AND DEVICE

Problem: To provide a technology that enables easy and highly-accurate
5 determination on a pool that has occurred at a bottom end of a nozzle.

Solution: Provided is a nozzle bottom pool detection method in a liquid material
discharge device, the method including: a first process of moving a nozzle 103
to a sensing position above a sensing surface; a second process of moving the
nozzle 103 downward until an interval between a bottom end of the nozzle 103
10 and the sensing surface 107a becomes equal to a predetermined sensing
distance L and moving the nozzle 103 upward upon the interval reaching the
predetermined sensing distance L; and a third process of detecting a pool at
the bottom end of the nozzle 103 by a sensing device 104 sensing whether a
liquid material adheres to the sensing surface 107a. Also provided is a detection
15 device that executes the same method.

[FIG. 3]