

ABSTRACT

LIQUID COATING METHOD AND LIQUID COATING DEVICE

5 Problem: To solve a problem of deterioration in application quality that occurs in a case where a width of a recessed application area changes between a start point and an end point of an application route.

 Solution: Provided is a liquid application method for filling, with liquid material, an application area made up of gaps between an inner wall surface of a recess 201 of a
10 workpiece 111 and outer peripheries of components 202, 203 disposed in the recess 201, the application method including: a position acquisition step of acquiring position coordinates of the components 202, 203 based on captured images including feature portions of the components 202, 203; an application route setting step of setting, based on the position coordinates, an application area and an application route for a
15 discharge device 102 to perform application; an application parameter setting step of segmenting the application route of the discharge device 102 into application route segments based on the position coordinates and setting an application amount for each application route segment; and an application step of applying the liquid material to the application area while moving the discharge device 102 along the
20 application route. Also provided is a liquid application apparatus that executes the liquid application method.

[FIG. 13]