

TAIHO INDUSTRIES CO., LTD.

METHOD FOR TREATING LIQUID IN A TANK AND
LIQUID JETTING DEVICE USED IN THE METHOD

ABSTRACT

A method for treating liquid stored in a tank (31) includes the steps of installing a liquid jetting device (1) having a nozzle (22) in the tank, providing the device with separate power sources (29, 30) for swinging the nozzle in the vertical and horizontal directions, jetting liquid from the nozzle at high pressure, monitoring the jetting of liquid from outside the tank, and controlling the power sources from outside the tank. The liquid jetting device (1) used in the method includes a frame (2) mounted on the tank, a casing (4) provided to be swingable inside the frame, a first shaft (3) extending laterally inside the casing, a jet nozzle (22) for jetting liquid provided to be swingable by the first shaft in a direction perpendicular to the swinging direction of the casing, a first power source (29) for swinging the casing, a second power source (30) for swinging the jet nozzle in the direction perpendicular to the swinging direction of the casing, and means (11, 14, 28) enabling the driving of the first and second power sources to be controlled from outside the tank.

(Fig. 8)