

ASH DISCHARGER

Abstract

Object

To appropriately control water supply operation to stored water in an ash
5 discharger, and enhance cost effectiveness of the water supply operation.

Solution

A cooling tank 2 including an introduction port 6 and a discharge port 7
for incinerated ash, a drive device 5 installed in the drive room 2a and causing
10 the scraper 4 to reciprocate toward the discharge port 7, a supply pipe 11
installed in the drive room 2a and supplying water to the cooling tank 2, a
solenoid valve 15 installed in the supply pipe 11, a water level gauge 10
measuring a water level of stored water, and a control device 14 controlling the
drive device 5 to sequentially repeat three operations of a pushing operation, a
15 drawing operation, and a stopping operation of the scraper 4 are included, and
the control device 14 performs, during the stopping operation, first water
supply operation of opening the solenoid valve 15 until the water level reaches
a predetermined water level and supplying water from the supply pipe 11 when
the water level is lower than the predetermined water level based on
20 information regarding the water level received from the water level gauge 10,
and does not perform the first water supply operation during the pushing
operation or the drawing operation.

(FIG. 1)