

Abstract

Title of the Invention

ASH DISCHARGER

5 Object

Provided is an ash discharger that has a simple structure and can reduce a water content of incinerated ash, improve discharging performance of the incinerated ash, and reduce manufacturing cost and maintenance cost.

10 Solution

An ash discharger 1 includes: a cooling tank 4 including an introduction port 2 into which incinerated ash is introduced, a discharge port 3 from which the incinerated ash cooled by stored water is discharged, and a first bottom plate 8A forming an upward inclination from below the introduction port 2 toward the discharge port 3; a drive device 6 installed in a drive room 4a disposed on a side opposite to the discharge port 3 relative to the introduction port 2 and configured to reciprocate a scraper 5 to and from the discharge port 3; a chute 7 disposed outside the cooling tank 4 and including at least two side walls 7a connected to the discharge port 3 and opposed to each other; and
15 second bottom plates 16 supported between the two side walls 7a. The second bottom plates 16 are disposed outside the cooling tank 4, on an extension line along the upward inclination, and continuously from the first bottom plate 8A.
20

[FIG. 1]