

ASH EXTRUSION DEVICE

ABSTRACT

An ash extrusion device 1 includes: a cooling tank 3 including an introduction port 31 having a cylindrical wall surface 31F through which incinerated ash is introduced and a discharge port 32 that discharges the incinerated ash cooled by stored water; a scraper 4 disposed inside the cooling tank 3 and extruding the incinerated ash to the discharge port 32 side; and a drive device 5 disposed on a side opposite to the discharge port 32 with respect to the introduction port 31 and driving the scraper 4. The cooling tank 3 includes a first inclined surface 34 inclined upward from directly under the introduction port 31 toward the discharge port 32, and a ceiling surface 37 arranged over the first inclined surface 34. A gas supplying port 20 is arranged at an ash non-contact position P1 close to an ash contact limit position P3 on the ceiling surface 37.

(Fig. 1)