

ABSTRACT

The present invention is concerned with improvement of a burning furnace for burning ordinary dust containing few moisture as well as garbage containing a large quantity of moisture discharged from factory, restaurant, convenient store or the like.

According to the present invention, there is provided a burning furnace including a vibrator, wherein the burning furnace is characterized in that a receiving chamber including an ash receiver is arranged below a burning chamber having a vibrator connected to a holding plate and a sucking/ discharging port disposed on the rear wall of the burning chamber, a burner chamber disposed behind the burning chamber, a blower chamber including an air feeding pipe and a branch pipe, and a chimney chamber including a chimney are arranged in the burning furnace, and the air feeding port of the blower is inserted into the chimney, and the foremost end of the branch pipe is located in the vicinity of the burner.

In addition, according to the present invention, there is provided a burning furnace including an ash receiving chamber, a burning chamber and drying chamber, wherein the burning furnace is characterized in that a plurality of through holes are formed through the burning chamber and the drying chamber, and a partition including a receiving groove for receiving garbage therein is arranged in the burning furnace, and

moreover, according to the present invention, there is provided a burning furnace including a burning section and a cyclone, wherein a burning chamber and a drying chamber are arranged in the burning furnace, a plurality of through holes are formed through the burning chamber and the drying chamber, and a partition having a receiving groove for receiving garbage formed thereon is arranged in the burning furnace.