

INCINERATOR WITH A SMOKE TREATING DEVICE

Abstract

5 The present invention provides an incinerator, comprising a burning cavity and a smoke treating device for receiving and treating the smoke generated from the burning cavity. The smoke treating device comprises an exhaust catalyst, a Venturi scrubber, a cyclone scrubber, a cyclone water remover, an electrostatic dust remover, and a draft fan, all of them being located along the flowing direction of the smoke in
10 this order. The smoke treating device further comprises a heat exchanger with a hot cavity arranged between the exhaust catalyst and the Venturi scrubber and a cool cavity arranged between the draft fan and the discharging port of the smoke treating device.