

ABSTRACT

Title of Invention

POWER GENERATION FACILITY, EXHAUST GAS TREATMENT SYSTEM, AND EXHAUST GAS TREATMENT METHOD

A power generation facility of the present disclosure generates power by incinerating materials to be incinerated, and comprises: an incinerator in which materials to be incinerated are incinerated; a boiler to which exhaust gas generated in the incinerator is supplied; a carbon dioxide recovery device into which the exhaust gas flows after passing through the boiler; an exhaust gas flow path provided between the boiler and the carbon dioxide recovery device; an adjustment device capable of regulating the flow rate of the exhaust gas flowing through the exhaust gas flow path to a target flow rate, and capable of regulating the temperature of the exhaust gas to a target temperature; a sensor provided to the power generation apparatus; and a control device that controls the adjustment device on the basis of detection results of the sensor.

[FIG. 3]