

ABSTRACT

EXHAUST GAS TREATMENT SYSTEM AND EXHAUST GAS TREATMENT METHOD

On the premise of an exhaust gas treatment system for treating acid gas contained in exhaust gas generated by an incineration process of waste with an acid gas treatment agent, there is provided an exhaust gas treatment system capable of sufficiently treating the acid gas and further reducing the treatment cost and environment impact caused by addition of an excess acid gas treatment agent used in the treatment. An exhaust gas treatment system of the present invention includes an exhaust gas treatment unit, a treatment agent supply unit, a post-treatment exhaust gas analysis unit, and a treatment agent addition management unit, the exhaust gas treatment system further including: an incineration object supply amount measurement unit that is located upstream of the exhaust gas treatment unit and measures a supply amount of an incineration object; a treatment agent supply amount measurement unit that measures a supply amount of the acid gas treatment agent supplied from the treatment agent supply unit; and a server unit that determines whether the post-treatment acid gas concentration is proper in relation to the managed concentration on the basis of a result obtained by gathering and analyzing information data from the post-treatment exhaust gas analysis unit, the treatment agent supply amount measurement unit, and the incineration object supply amount measurement unit.

[Fig.1]