METHOD FOR TREATING ACIDIC GAS

ABSTRACT

The purpose of the present invention is to provide a method for treating an acidic gas according to a novel control scheme for performing a stable acidic gas treatment that rarely causes the acidic gas concentration at the outlet to peak and for reducing the excessive addition of alkali agents in a feedback format that does not require the introduction of a new, expensive acidic-gas measurement device. This method for treating an acidic gas involves adding an alkali agent to a combustion exhaust gas containing an acidic gas and feedback-controlling the amount of the alkali agent to be added on the basis of a measurement signal from an acidic gas concentration measurement device which measures the acidic gas concentration after dust collection, the method involving at least: a step of calculating a basal addition amount found by multiplying the average addition amount suitable for the average time (for example, 1 hour, as described later) by a factor of 1 or less (for example, 80%, as described later); and a step of calculating, through feedback computation, an output value for the amount of the alkali agent to be added on the basis of the calculated basal addition amount.

(Fig. 1)