

METHOD FOR TREATING ACIDIC GAS

ABSTRACT

5 The purpose of the present invention is to mitigate acidic-gas treatment failures and excess alkali addition both caused, in feedback control, by a time lag in measurement with an analyzer for acidic-gas determination, without newly introducing an expensive analyzer for acidic-gas determination. This method
10 for treating an acidic gas comprises a step in which at least two ranges of the slope of acidic-gas concentration are set, a step in which a target value at which the concentration of the acidic gas is controlled is set for each of the at least two slope ranges, and a step in which a control output value that
15 indicates the amount of an alkali to be added is calculated at least on the basis of measurement signals sent from the analyzer for acidic-gas determination and of the control target value. In the step of setting control target values, the control target value to be set in the case where the range of
20 the slope of the acidic-gas concentration is large (during the period when the acidic-gas concentration tends to increase) is lower than the control target value to be set in the case where the range of the slope of the acidic-gas concentration is small (during the period when the acidic-gas concentration tends to
25 decrease).

(FIG. 9)