

Title (en)
REGULATION METHOD FOR STEAM GENERATORS

Publication
EP 0168700 B1 19900207 (DE)

Application
EP 85108086 A 19850629

Priority
DE 3424314 A 19840702

Abstract (en)
[origin: US4655392A] A steam-generator control method is proposed for controlling the mass flows of an oxidant and a fuel which are supplied for combustion. In order to control the flows at stoichiometric ratios with a required accuracy, the controlled variables are established by the measurements of the mass flows and their comparison with theoretically predetermined stoichiometric ratios. Measurement errors are defined continuously through a combustion-gas analysis, conducted by means of a probe after the combustion. The errors are used for the correction of the controlled variables. The time constant of the correction is smaller than the time constant of dynamic changes of the errors.

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