

Title (en)

METHOD AND SYSTEM FOR REGULATING/CONTROLLING A TOTAL AIR RATIO OF A REFORMER

Title (de)

VERFAHREN UND SYSTEM ZUR REGELUNG/STEUERUNG EINER GESAMTLUFTVERHÄLTNISZAHL EINES REFORMERS

Title (fr)

PROCÉDÉ ET SYSTÈME DE RÉGULATION/COMMANDE D'UN COEFFICIENT D'AIR GLOBAL D'UN REFORMEUR

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Application

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Abstract (en)

[origin: WO2008031384A1] The invention relates to a method and a system for regulating/controlling a total air ratio of a reformer (10) which comprises at least one combustion zone (12) and an evaporation zone (14) connected to said combustion zone (12). The invention is characterized in that an air ratio of the combustion zone (12) is regulated and a fuel rating fed to the combustion zone (12) and the evaporation zone (14) is controlled to regulate/control the total air ratio. The invention also relates to a system comprising a reformer (10) which comprises at least one combustion zone (12) and an evaporation zone (14) connected to said combustion zone (12), and a controller (26) for regulating/controlling a total air ratio of the reformer (10). The invention is characterized in that the controller (26) is adapted to regulate an air ratio of the combustion zone (12) and to control the fuel rating fed to the combustion zone (12) and the evaporation zone (14) to regulate/control the total air ratio.

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Citation (search report)

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