

Title (en)
METHOD OF STABLE OPERATION OF A STEAM REFORMING PLANT

Title (de)
VERFAHREN ZUM STABILEN BETRIEB EINER DAMPFREFORMIERUNGSANLAGE

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT STABLE D'UNE INSTALLATION DE REFORMAGE À LA VAPEUR

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Application
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Abstract (en)
[origin: WO2021110455A1] The present invention relates to a method of controlling and of stably operating a steam reforming plant operated by steam reforming, which is controllable in terms of its degree of load, comprising a steam reformer (6), a hydrogenation and desulfurization unit (1) for feedstock desulfurization, which is connected upstream of the steam reformer (6), and a firing unit (11) for the steam reformer (6), said steam reforming plant being characterised in that a defined degree of load of the steam reforming plant is established under automated feedback control of the continuously monitored parameter ratios of – hydrogen-to-feedstock ratio (2) in the hydrogenation and desulfurization unit (1), – steam-to-carbon ratio (7) in the steam reformer (6), – and fuel-to-air ratio (12) in the firing unit (11) of the steam reformer (6).

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