

Title (en)

DETERMINATION METHOD AND FUEL CELL SYSTEM FOR DETECTING INFERIOR GAS

Title (de)

BESTIMMUNGSVERFAHREN UND BRENNSTOFFZELLENSYSTEM ZUR SCHLECHTGASERKENNUNG

Title (fr)

PROCÉDÉ DE DÉTERMINATION ET SYSTÈME DE PILE À COMBUSTIBLE POUR DÉTECTER UN GAZ INFÉRIEUR

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Application

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Abstract (en)

[origin: WO2022078762A1] The presented invention relates to a determination method (100) for determining an inferior gas component in a fuel for operating a fuel cell system (200). The determination method (100) comprises a control step (101) for operating the fuel cell system (200) in a determination mode at a constant operating point for a predefined period, a determination step (103) for determining a purge mass flow that is set during the determination mode, an ascertainment step (105) for ascertaining an inferior gas concentration in the fuel on the basis of the determined purge mass flow, and an output step (107) for outputting the ascertained inferior gas concentration on a display unit (209). The presented invention also relates to a fuel cell system (200).

IPC 8 full level

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