

Title (en)

METHOD FOR STARTING A GAS GENERATING SYSTEM

Title (de)

VERFAHREN ZUM STARTEN EINES GASERZEUGUNGSSYSTEMS

Title (fr)

PROCEDE DE DEMARRAGE D'UN SYSTEME GENERATEUR DE GAZ

Publication

**EP 1519894 A2 20050406 (DE)**

Application

**EP 03763585 A 20030702**

Priority

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Abstract (en)

[origin: WO2004007356A2] The invention relates to a method for starting a gas generating system serving to generate a hydrogenous gas used for operating a fuel cell. The gas generating system comprises: devices for converting starting materials into the hydrogenous gas; devices for conditioning at least a portion of the starting materials; devices for purifying the hydrogenous gas by removing unwanted gas constituents, and; a starting burner. The invention provides that, in a first method step, at least one fuel is combusted inside the starting burner. The hot waste gases resulting from this combustion firstly heat the devices provided for conditioning at least a portion of the starting materials, and the residual heat of these waste gases subsequently heats at least one additional component. In parallel thereto, the devices for converting the starting materials are heated by an electric heating. In a second method step, the starting materials are subsequently fed into the respective components or into the aforementioned devices after a starting temperature has been reached. In a third method step, the quantitative proportions of the starting materials are then continuously modified in the direction towards the quantitative proportions provided for the normal operation of the gas generating system.

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IPC 8 full level

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See references of WO 2004007356A2

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**WO 2004007356 A2 20040122; WO 2004007356 A3 20040408**; AU 2003247248 A1 20040202; AU 2003247248 A8 20040202;  
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