

Title (en)  
FUEL CELL SYSTEM COMPRISING A REFORMER AND AN AFTERBURNER

Title (de)  
BRENNSTOFF ZELLENSYSTEM MIT REFORMER UND NACHBRENNER

Title (fr)  
SYSTÈME DE CELLULES ÉLECTROCHIMIQUES COMPORTANT UN REFORMEUR ET UN BRÛLEUR DE POSTCOMBUSTION

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Application  
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Abstract (en)  
[origin: CA2657457A1] The invention relates to a fuel cell system (10) which comprises a reformer (12) having an oxidation zone (48) to which stored fuel can be supplied by means of a fuel supply device (50) for reaction with an oxidant; and an afterburner (36) having an oxidation zone (60) to which stored fuel can be supplied by means of a fuel supply device (62) for reaction with an oxidant. The invention is characterized in that the fuel supply device (50) of the reformer (12) and the fuel supply device (62) of the afterburner (36) are adapted to supply fuel in such a manner that the fuel supplied by the fuel supply device (50) of the reformer differs from the fuel supplied by the fuel supply device (62) of the afterburner (36) with respect to the type of fuel and/or its state of aggregation and/or the temperature at which it is supplied. The invention also relates to a motor vehicle comprising said fuel cell system and to a method for operating said fuel cell system.

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