

Title (en)

METHOD AND DEVICE FOR COOLING FUEL CELLS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KÜHLEN BEI BRENNSTOFFZELLEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REFROIDIR DES PILES A COMBUSTIBLE

Publication

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Application

EP 98958163 A 19980917

Priority

- DE 9802839 W 19980917
- DE 19741331 A 19970919

Abstract (en)

[origin: DE19741331A1] The invention relates to a device with a fuel cell and cooling means in addition to a cooling method in order to operate such a device. The fuel cell is cooled by converting a liquid into a gas. The heat which is to be dissipated is therefore supplied to a liquid which is thus converted into a gas. The liquid is heated to a boiling temperature before entering the fuel cell. The boiling temperature is lower than the operating temperature of the fuel cell. As a result, a homogeneous temperature distribution in the fuel cell is achieved.

IPC 1-7

H01M 8/04

IPC 8 full level

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CPC (source: EP)

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