

Title (en)

FUEL CELLS CONTAINING A FUEL SOLUBLE IN AQUEOUS MEDIUM AND HAVING A BOILING POINT HIGHER THAN 65 °C

Title (de)

BRENNSTOFFZELLEN MIT IN WÄSSRIGEM MEDIUM LÖSLICHEM BRENNSTOFF MIT SIEDEPUNKT ÜBER 65 °C

Title (fr)

PILES A COMBUSTIBLE RENFERMANT UN CARBURANT SOLUBLE EN MILIEU AQUEUX ET AYANT UN POINT D'EBULLITION SUPERIEUR A 65°C

Publication

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Application

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Abstract (en)

[origin: WO2006084993A1] The invention concerns a fuel cell comprising a sealed container (A) containing a catalytic anode (1) and a catalytic cathode (2) contacting an electrolysable liquid medium (5), current collectors (9) connected respectively to the anode and the cathode and to an electrical circuit (4). The invention is characterized in that the liquid medium is an aqueous medium containing a fuel at least partly soluble in the aqueous medium, at the use temperature of the cell, said fuel having a boiling point higher than 65 °C.

IPC 8 full level

H01M 8/22 (2006.01)

CPC (source: EP US)

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