

Title (en)

FUEL CELL BATTERY WITH IMPROVED COLD-START PERFORMANCE AND METHOD OF COLD-STARTING A FUEL CELL BATTERY

Title (de)

BRENNSTOFFZELLENBATTERIE MIT VERBESSERTER KALTSTARTPERFORMANCE UND VERFAHREN ZUM KALTSTARTEN EINER BRENNSTOFFZELLENBATTERIE

Title (fr)

BATTERIE DE CELLULES ELECTROCHIMIQUES A PERFORMANCE AMELIOREE AU DEMARRAGE A FROID ET PROCEDE POUR DEMARRER UNE BATTERIE DE CELLULES ELECTROCHIMIQUES A FROID

Publication

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Application

EP 00925042 A 20000309

Priority

- DE 0000742 W 20000309
- DE 19910386 A 19990309

Abstract (en)

[origin: WO0054356A1] Fuel cell battery with improved cold-start performance and a method of cold-starting a fuel cell battery according to which the reaction heat of the oxyhydrogen gas reaction in the fuel cell is used for heating. To this end, during a start reaction gas is simply introduced in metered doses into the reaction chamber so that the electrode of the fuel cell unit acts as catalytic burner.

IPC 1-7

H01M 8/04

IPC 8 full level

H01M 8/04007 (2016.01); **H01M 8/04014** (2016.01); **H01M 8/04223** (2016.01)

CPC (source: EP US)

H01M 8/04007 (2013.01 - EP US); **H01M 8/04014** (2013.01 - EP US); **H01M 8/04225** (2016.02 - EP US); **H01M 8/04302** (2016.02 - EP US); **H01M 8/241** (2013.01 - EP US); **H01M 8/2457** (2016.02 - EP US); **H01M 8/04022** (2013.01 - EP US); **H01M 2300/0082** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 0054356A1

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