

Title (en)

CHROMIUM-RESISTANT FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME

Title (de)

CHROMRESISTENTES BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM BETRIEB DESSELBEN

Title (fr)

SYSTÈME DE PILES À COMBUSTIBLE RÉSISTANT AU CHROME ET PROCÉDÉ POUR FAIRE FONCTIONNER LEDIT SYSTÈME

Publication

EP 2909884 A1 20150826 (DE)

Application

EP 13773679 A 20131001

Priority

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- EP 2013070422 W 20131001

Abstract (en)

[origin: WO2014060211A1] A fuel cell system is described, with a fuel cell unit (12) comprising at least one anode (46) and one cathode (42), which are electrically contacted with one another via an electrolyte (16a-16d, 40, 52a-52c), wherein a fuel gas is applied to the anode (46) and an oxygen-containing gas, particularly air, is applied to the cathode (42) via air-guiding components (18, 22) of the fuel cell system (10). At least in the region of the air-guiding components (18, 22), a material (24) that absorbs or adsorbs chromium compounds is provided, which material is in contact with the oxygen-containing gas mixture fed to the cathode (42).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014060211A1

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