

Title (en)

ELECTROCHEMICAL DEVICE AND METHOD FOR OPERATING AN ELECTROCHEMICAL DEVICE

Title (de)

ELEKTROCHEMIEVORRICHTUNG UND VERFAHREN ZUM BETRIEB EINER ELEKTROCHEMIEVORRICHTUNG

Title (fr)

DISPOSITIF ÉLECTROCHIMIQUE ET PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF ÉLECTROCHIMIQUE

Publication

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Application

EP 18728308 A 20180419

Priority

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Abstract (en)

[origin: WO2018193071A1] The invention is based on an electrochemical device, in particular an electrolysis device, in particular a polymer-electrolyte-membrane electrolysis device, with at least one cell unit (12a-d), which comprises at least a first electrochemical cell (14a-d) and at least a second electrochemical cell (16a-d), and with at least one fluid supply unit (18a-d) for supplying the cell unit (12a-d) with at least one fluid, in particular with water, which comprises at least a first fluid supply path (20a-d), which at least partly leads through the first electrochemical cell (14a-d), and at least a second fluid supply path (22a-d), which at least partly leads through the second electrochemical cell (16a-d). It is proposed that the fluid supply unit (18a-d) is formed in such a way that, in at least a normal operating state, a volumetric flow of the fluid through the first electrochemical cell (14a-d) and through the second electrochemical cell (16a-d) is at least substantially identical.

IPC 8 full level

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