

Title (en)

ELECTROCHEMICAL CELL AND METHOD OF USING SAME

Title (de)

ELEKTROCHEMISCHE ZELLE UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

CELLULE ÉLECTROCHIMIQUE ET SON PROCÉDÉ D'UTILISATION

Publication

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Application

EP 18787405 A 20180419

Priority

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Abstract (en)

[origin: EP3757255A1] A novel electrochemical cell is disclosed in multiple embodiments. The instant invention relates to an electrochemical cell design. In one embodiment, the cell design can electrolyze water into pressurized hydrogen using low-cost materials. In another embodiment, the cell design can convert hydrogen and oxygen into electricity. In another embodiment, the cell design can electrolyze water into hydrogen and oxygen for storage, then later convert the stored hydrogen and oxygen back into electricity and water.

IPC 8 full level

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Designated contracting state (EPC)

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