

Title (en)

PLANT FOR PRODUCING ELECTRICITY COMPRISING A FUEL CELL AND A CHEMICAL REACTOR CAPABLE OF PRODUCING THE FUEL FOR SAID CELL BY MEANS OF THE HEAT RELEASED BY SAID SAME CELL, AND ASSOCIATED METHOD

Title (de)

ANLAGE ZUR STROMERZEUGUNG MIT EINER BRENNSTOFFZELLE UND CHEMISCHER REAKTOR ZUR HERSTELLUNG DES BRENNSTOFFS FÜR DIESE ZELLE MITTELS WÄRMEFREISETZUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)

INSTALLATION DE PRODUCTION D'ELECTRICITE COMPORTANT UNE PILE A COMBUSTIBLE ET UN REACTEUR CHIMIQUE APTE A PRODUIRE LE CARBURANT DE LADITE PILE GRACE A LA CHALEUR DEGAGEE PAR LA MEME DITE PILE? PROCEDE ASSOCIE

Publication

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Application

EP 22751368 A 20220718

Priority

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Abstract (en)

[origin: US2023022610A1] The present invention is a method for producing electricity comprising a fuel cell which makes it possible to valorize the heat given off by the cell to generate fuel for said fuel cell by a process of thermal dissociation, applied to the product of the same chemical composition than that produced by the cell, at least part of the heat given off by the cell being supplied to at least one of the endothermic reactions of said dissociation process.

IPC 8 full level

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Citation (search report)

See references of WO 2023001779A1

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KH MA MD TN

DOCDB simple family (publication)

US 2023022610 A1 20230126; AU 2022315507 A1 20240201; CN 117981127 A 20240503; EP 4374440 A1 20240529; FR 3125648 A1 20230127; FR 3125648 B1 20240412; KR 20240035586 A 20240315; WO 2023001779 A1 20230126

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