

Title (en)

PROCESS FOR PRODUCING AN ELECTROCATALYST, ELECTROCATALYST, ELECTRODE FOR AN ELECTROCHEMICAL CELL, ION EXCHANGE MEMBRANE, PROCESS FOR PRODUCING AN ION EXCHANGE MEMBRANE, WATER ELECTROLYZER AND PROCESS FOR PRODUCING A WATER ELECTROLYZER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ELEKTROKATALYSATORS, ELEKTROKATALYSATOR, ELEKTRODE FÜR EINE ELEKTROCHEMISCHE ZELLE, IONENAUSTAUSCHMEMBRAN, VERFAHREN ZUM HERSTELLEN EINER IONENAUSTAUSCHMEMBRAN, WASSERELEKTROLYSEUR UND VERFAHREN ZUM HERSTELLEN EINES WASSERELEKTROLYSEURS

Title (fr)

PROCESSUS DE PRODUCTION D'UN ÉLECTROCATALYSEUR, ÉLECTROCATALYSEUR, ÉLECTRODE POUR UNE CELLULE ÉLECTROCHIMIQUE, MEMBRANE ÉCHANGEUSE D'IONS, PROCESSUS DE PRODUCTION D'UNE MEMBRANE ÉCHANGEUSE D'IONS, ÉLECTROLYSEUR D'EAU ET PROCESSUS DE PRODUCTION D'UN ÉLECTROLYSEUR D'EAU

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Application

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Priority

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Abstract (en)

[origin: WO2022184684A2] The invention relates to a process for producing an electrocatalyst in the form of an HER catalyst for a water electrolyzer, wherein the HER catalyst is synthesized from an aqueous solution of a molybdenum salt with addition of an aromatic amine and an acid. The invention further relates to a process for producing an electrocatalyst in the form of an OER catalyst for a water electrolyzer, to electrocatalysts in the form of HER and OER catalysts, to an electrode for electrochemical cells, to an ion exchange membrane for an electrochemical reactor, to a process for producing an ion exchange membrane for an electrochemical reactor, to a water electrolyzer, to a process for producing a catalytically active catalyst layer, and to a process for producing a water electrolyzer.

IPC 8 full level

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