

Title (en)

METHOD FOR PRODUCING A HYDROGEN-GENERATING FUEL, HYDROGEN-GENERATING FUEL OBTAINED, METHOD FOR PRODUCING HYDROGEN FROM THE FUEL, DEVICE FOR CARRYING OUT THE PRODUCTION METHOD, METHOD FOR OPERATING THE DEVICE, AND HYDROGEN-BASED FUEL OBTAINED BY MEANS OF THE HYDROGEN PRODUCTION METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WASSERSTOFFERZEUGENDEN BRENNSTOFFS, HERGESTELLTER WASSERSTOFFERZEUGENDER BRENNSTOFF, VERFAHREN ZUR HERSTELLUNG VON WASSERSTOFF AUS DEM BRENNSTOFF, VORRICHTUNG ZUR DURCHFÜHRUNG DES HERSTELLUNGSVERFAHRENS, VERFAHREN ZUM BETRIEB DER VORRICHTUNG UND MIT DEM WASSERSTOFFERZEUGUNGSVERFAHREN HERGESTELLTER WASSERSTOFFBASIERTER BRENNSTOFF

Title (fr)

PROCÉDÉ DE FABRICATION D'UN CARBURANT À GÉNÉRATION D'HYDROGÈNE, CARBURANT À GÉNÉRATION D'HYDROGÈNE OBTENU, PROCÉDÉ DE PRODUCTION D'HYDROGÈNE À PARTIR DU CARBURANT, DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LE PROCÉDÉ DE PRODUCTION, PROCÉDÉ DE FONCTIONNEMENT DU DISPOSITIF ET CARBURANT À BASE D'HYDROGÈNE OBTENU PAR LE PROCÉDÉ DE PRODUCTION D'HYDROGÈNE

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Application

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- US 202063077946 P 20200914
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Abstract (en)

[origin: WO2021084204A1] The invention relates to a method for producing a hydrogen-generating fuel, the hydrogen-generating fuel obtained, a method for producing hydrogen from the fuel, a device for carrying out the production method, a method for operating the device, and a hydrogen-based fuel obtained by means of the production method. The production method is characterised in that it consists in mixing, in a liquid, particles of one or more metals which are corrodible by a basic chemical substance or an acidic chemical substance for the purpose of producing hydrogen, the particles being kept in suspension in the liquid, and the mixture composed of the liquid and the particles being chemically stabilised so as to prevent chemical reaction between the liquid and the particles.

IPC 8 full level

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CPC (source: EP US)

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