Title (en)

ELECTROCHEMICAL PRODUCTION OF A GAS COMPRISING CO WITH INTERMEDIATE COOLING OF THE ELECTROLYTE FLOW

Title (de)

ELEKTROCHEMISCHE HERSTELLUNG EINES GASES UMFASSEND CO MIT ZWISCHENKÜHLUNG DES ELEKTROLYTSTROMS

Title (fr)

PRODUCTION ÉLECTROCHIMIQUE D'UN GAZ COMPRENANT DU CO AVEC REFROIDISSEMENT INTERMÉDIAIRE DU COURANT ÉLECTROLYTIQUE

Publication

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Application

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Abstract (en)

[origin: WO2019158307A1] The present invention relates to a method for the electrochemical production of a gas comprising CO, in particular CO or syngas, from CO2, wherein the electrochemical production of the gas comprising CO, in particular CO or syngas, from CO2 takes place in multiple electrolytic cells, which are arranged in series one behind the other in the direction of at least one electrolyte flow and each comprise a cathode and an anode, wherein the at least one electrolyte flow is conducted through the electrolytic cells which are arranged in series one behind the other and is intermediately cooled between at least two electrolytic cells which are arranged in series one behind the other. The invention also relates to a device for carrying out the method.

IPC 8 full level

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