

Title (en)
SOLID OXIDE ELECTROCHEMICAL SYSTEM HAVING INTEGRATED HEATING MEANS

Title (de)
ELEKTROCHEMISCHES FESTOXIDSYSTEM MIT INTEGRIERTEN HEIZMITTELN

Title (fr)
SYSTÈME ÉLECTROCHIMIQUE A OXYDES SOLIDES A MOYENS DE CHAUFFAGE INTÉGRÉS

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Application
EP 19813102 A 20191023

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Abstract (en)
[origin: WO2020084258A1] The invention relates to an electrochemical system comprising an electrochemical device having a stack of n solid oxide electrochemical cells, n being an integer greater than or equal to 1, and at least n-1 interconnection plates which are interposed between the electrochemical cells, means for supplying gas to the electrochemical cells and means for collecting gas produced by the electrochemical cells, as well as means for electrically connecting the system to the outside. The electrochemical device also comprises heating means (H) integrated into the stack, said heating means (H) comprising electrical conductors (2) housed in the clamping plates (S1, S1).

IPC 8 full level
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Citation (search report)
See references of WO 2020084258A1

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