

Title (en)

ELECTROCHEMICAL SYNTHESIS METHOD AND DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ELEKTROCHEMISCHEN SYNTHESE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SYNTHÈSE ÉLECTROCHIMIQUE

Publication

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Application

**EP 15797246 A 20150925**

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Abstract (en)

[origin: WO2016045665A2] The present invention relates to a method for producing at least one product by electrochemical synthesis on a directly electrically heated working electrode (1), at least one reactant reacting on the heated working electrode (1) to the at least one product. The invention also relates to the use of a directly electrically heated working electrode (1) for the electrochemical synthesis of at least one product. The invention relates in particular to a working electrode (1), particularly in the form of a three-dimensional, preferably conical spiral, designed for the electrochemical synthesis. Another object of the invention is the synthesis/regeneration of an enzymatic cofactor on a working electrode (1) according to the invention.

IPC 8 full level

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