

Title (en)
METHOD AND IMPLEMENTING DEVICE FOR A CHEMICAL REACTION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERBEIFÜHRUNG EINER CHEMISCHEN REAKTION

Title (fr)
PROCEDE ET DISPOSITIF DE MISE EN OEUVRE D'UNE REACTION CHIMIQUE

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Application
EP 01913997 A 20010313

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Abstract (en)
[origin: WO0168941A1] The invention concerns a method for performing chemical reactions between gaseous species in accordance with a selective reaction path, by generating an electric discharge (12) in a starting gas between two energizing electrodes (23, 24) where to is applied an electric supply voltage, so that the discharge brings about energization of at least one of the gaseous species of said starting gas. The invention is characterised in that it consists in providing the following: the starting gas includes at least a carrier gas and at least a reaction gas; the conditions of electric supply of the electrodes are adapted to enable the generation of metastable species among the species of said carrier gas, so that the ratio, in the inter-electrode space, between the concentration in said metastable species and the concentration in electrons is not less than 1.

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