

Title (en)

ELECTROLYTE SYSTEM FOR THE SYNTHESIS OF SODIUM PERCHLORATE, COMPRISING AN ANODE HAVING AN OUTER SURFACE OF BORON-DOPED DIAMOND

Title (de)

ELEKTROLYTSYSTEM ZUR SYNTHESE VON NATRIUMPERCHLORAT, MIT EINER ANODE MIT EINER AUSSENFLÄCHE AUS BORDOTIERTEM DIAMANT

Title (fr)

SYSTEME ELECTROLYTIQUE POUR LA SYNTHESE DU PERCHLORATE DE SODIUM AVEC ANODE A SURFACE EXTERNE EN DIAMANT DOPE AU BORE

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Application

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Abstract (en)

[origin: WO2018002548A1] The invention relates to an electrolyte system (1) for the synthesis of sodium perchlorate by means of the electrochemical oxidation of sodium chlorate, said system (1) including at least: an electrolyte (10) comprising sodium chlorate; an anode (15) in the electrolyte (10), the anode (15) having an outer surface of boron-doped diamond; a cathode (17) in the electrolyte (10); and an electrical generator (20) connected to the anode (15) and to the cathode (17).

IPC 8 full level

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