

Title (en)

METHOD FOR TREATING ORGANIC SUBSTANCES IN AN AQUEOUS MEDIUM, IN PARTICULAR EFFLUENTS AND ELECTROCHEMICAL DEVICE FOR IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUR BEHANDLUNG WÄSSERIGER ORGANISCHER SUBSTANZEN, INSBESONDERE VON ABWÄSSERN UND ELEKTROCHEMISCHEN EINRICHTUNGEN ZUR DURCHFÜHRUNG DIESES VERFAHRENS

Title (fr)

PROCEDE DE TRAITEMENT DE SUBSTANCES ORGANIQUES EN MILIEU AQUEUX, NOTAMMENT D'EFFLUENTS ET DISPOSITIF ELECTROCHIMIQUE POUR METTRE EN OEUVRE LE PROCEDE

Publication

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Application

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Priority

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- FR 9811738 A 19980921

Abstract (en)

[origin: FR2783515A1] Use of a combination of electrochemical treatment and ultrasound in the destruction of organic contaminants in an aqueous medium. Process for electrochemical treatment of an aqueous composition containing one or more organic substances by means of an electrochemical reactor comprising an anode compartment and a cathode compartment separated by a suitable separator, the aqueous composition being introduced into the anode compartment of the reactor, the anode compartment containing a liquid support containing a suspension of electrochemically active particles, and simultaneously or successively subjecting the medium resulting from the introduction of the aqueous composition to an oxidation potential and to the action of ultrasound.

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C02F 1/46

IPC 8 full level

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