

Title (en)

MEMBRANE REACTOR FOR THE TREATMENT OF LIQUID EFFLUENTS, COMPRISING A MEMBRANE FOR DIFFUSION OF AN OXIDIZING GAS AND A SELECTIVE MEMBRANE, DEFINING A REACTION SPACE BETWEEN SAID MEMBRANES

Title (de)

MEMBRANREAKTOR ZUR BEHANDLUNG VON FLÜSSIGEN AUSTRAGSSTRÖMEN MIT EINER MEMBRAN ZUR DIFFUSION EINES OXIDIERENDEN GASES UND EINER SELEKTIVEN MEMBRAN, DIE EINEN REAKTIONSRaum ZWISCHEN DEN MEMBRANEN DEFINIEREN

Title (fr)

REACTEUR MEMBRANAIRE POUR LE TRAITEMENT D'EFFLUENTS LIQUIDES COMPRENANT UNE MEMBRANE DE DIFFUSION D'UN GAZ OXYDANT ET UNE MEMBRANE SELECTIVE DEFINISSANT ENTRE ELLES UN ESPACE DE REACTION

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Application

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Abstract (en)

[origin: WO2008015142A1] The subject of the invention is a membrane reactor for the treatment of liquid effluents containing organic pollutants, of the type comprising at least one porous membrane (3) for the diffusion of an oxidizing gas, characterized in that it includes at least one selective membrane (2), (4) of said pollutants, which selective membrane defines, with said porous membrane for the diffusion of an oxidizing gas, a reaction space (31) into which said liquid effluents are injected, said reactor having means (34) for extracting retentates from said reaction space (31) and a space (32) for recovering the treated effluents, which space is separated from said reaction space (31) by said selective membrane or membranes (2), (4).

IPC 8 full level

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