

Title (en)

METHOD AND DEVICE FOR TREATING BY ELECTRICAL DISCHARGE GASEOUS VOLATILE ORGANIC EFFLUENTS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR BEHANDLUNG VON FLÜCHTIGEN ORGANISCHEN VERBINDUNGEN AUS GASEN MITTELS ELEKTRISCHER ENTLADUNG

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT PAR DECHARGE ELECTRIQUE D'EFFLUENTS ORGANIQUES VOLATILS GAZEUX

Publication

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Application

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Abstract (en)

[origin: WO0200330A1] The invention concerns a method and a device for treating by electrical discharge gaseous volatile organic effluents. The effluents are subjected (A) to a low pressure expansion with temperature decrease to 150 DEG K < /= 173 DEG K and to electrical discharges (B), using a supersonic nozzle, thereby enabling to carry out a treatment without significant NO>x < formation. The invention is useful for treating polluting gases such as styrene, toluene.> <

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