

Title (en)
METHOD FOR OPERATING AN OZONE GENERATOR AND CORRESPONDING OZONE GENERATOR

Title (de)
VERFAHREN ZUM BETREIBEN EINES OZONERZEUGERS UND OZONERZEUGER

Title (fr)
PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN OZONISEUR, ET OZONISEUR CORRESPONDANT

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Abstract (en)
[origin: WO03080507A1] The invention relates to an ozone/oxygen ion/oxygen atom generator comprising a control circuit-controlled gas discharge module (2) for generating dielectrically hindered discharges with two electrodes (2A,2B), a dielectric and a discharge path subjected to an oxygen-containing atmosphere, wherein an alternating current or a pulsing direct current generated by a high voltage generator is applied to the electrodes at predetermined time intervals, whereby electrical discharges generating ozone/oxygen ion/oxygen atoms are provoked in the discharge path, in which, in average, a given individual amount (Mo) of ozone/oxygen ion/oxygen atoms is produced. The invention is characterized in that the number of electrical discharges per time unit is continuously determined and the ozone/oxygen ion/oxygen atom generator is controlled by means of the control circuit in a closed control circuit in accordance with a comparison with a set number of electrical discharges.

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