

Abstract

The invention relates to an ozone generator with a high voltage electrode and at least one counter electrode which limit a gap in which at least one dielectric and an electrically non-conductive structure are arranged and through which a stream of gas flows in a direction of flow, wherein the high voltage electrode and the at least one counter electrode are provided with a connection for an electrical voltage supply in order to generate silent discharges, wherein the electrically non-conductive structure contains pores with a nominal pore size (x) of $100\text{ }\mu\text{m} < x < 1\text{ mm}$.

Figure 2