

Abstract

Ozone generator with position-dependent discharge distribution

The invention relates to an ozone generator comprising a high-voltage electrode (5) and at least one counter electrode (1), which define an interstice in which at least one dielectric (2) is arranged and through which a gas flows in the flow direction, the high-voltage electrode (5) and the at least one counter electrode (1) being provided with a connection for an electrical voltage supply (7) to generate silent discharges, a wire fabric being arranged in the gas flow and its density decreasing in the flow direction.

Figure 2