

Ionizing Device for Air Treatment Systems

Abstract

The invention relates to an ionizing device (1) for air treatment systems, comprising two electrodes that can be connected to a high-voltage source generating an AC voltage and between which a dielectrically encumbered discharge can be induced for generating a plasma, wherein each electrode comprises a deformable shape (2, 3) having an electrical conductor encased in a dielectric material (7) and wherein the two deformable shapes (2, 3) are fixed relative to each other such that the two deformable shapes (2, 3) contact each other at least in areas or have a small enough distance from each other that they can induce the dielectrically encumbered discharge.

Fig. 1