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The invention relates to the field of environmental protection, namely to devices for ionization of air and fuel gases prior to mixing thereof, with the view of providing a complete burning of the mixture and decreasing the quantity of toxic substances ejected into the atmosphere.

The device includes a hollow cylindrical outer electrode and a coaxially placed therein inner electrode, made in the form of several threads, the ends of which are fixed into the disks of the holder. One of the disks is made of current-conducting material and fixed onto one end of the stud, and the other disk, of dielectric material, - onto the other end thereof. The inner surface of the cylindrical outer electrode is covered with a layer of electrical insulating material.

Claims: 1

Fig.: 2