

The invention relates to the environmental protection field, namely to devices for air and fuel gas ionization before their mixing with the view of providing for the complete combustion of the mixture and decreasing the quantity of toxic substances ejected into the atmosphere.

The device includes an outer tubular metallic electrode, inside of which there is placed a wire electrode. The device is provided with a holder of the wire electrode, containing a stud, onto one end of which there is fixed a disk of dielectric material, onto the other one – a disk of current-conducting material, fixed with a threaded head, having a conic end. The ends of the wire electrodes are fixed to the disks. Into the hole, made in the lateral wall of the outer electrode, there is mounted a dielectric bush, into the channel of which there is placed a high voltage supply element, made in the form of a threaded rod, one end of which is linked to the high voltage source and the other one is fixed into the threaded head.

Claims: 1

Fig.: 2