

**94-0377**

The apparatus relates to the liquid, solution or powder atomisation devices and may be used for aerosol therapy, covering, conditioning, plants sprinkling, neutralization of static electric charges, dust and smoke interception, deodorization.

Fields of utilization: medicine, agriculture, industry.

The aerosol generator consists of a capacity for the material, a drive hollow rotor with bristle-formed elastic elements on its lateral surface, partially plunged in the capacity, a bar for the interaction with the elastic elements of the rotor, connected to the high-voltage source by means of a limiting element, inside the rotor there is an additional bar, connected to the other pole of the source and installed against the rotor wall in front of the basic bar, in this case is introduced at least one spare capacity communicating with the capacity for material by the means of a batcher-regulator the generator being provided with a passive electrode connected to the grounded output of the source.

The aerosol generator is destined for sprinkling the electric conductive liquids (water etc.) with a simultaneous electrical of the newly-formed particles.

Claims: 4

Drawings: 4