

The invention relates to the dust control. A cyclone contains a housing, inside which an exhaust pipe is located, and outside a tangential inlet duct is fastened. In the middle part of exhaust pipe an emitter of low-energy electrons is located, in the part of exhaust pipe above emitter made in the form of separation cylinder, in the center a central electrode is located, which forms electrical pair together with the separation cylinder, moreover outside of the separation cylinder a cylinder from nonmagnetic material is mounted, which passes in the lower part into a cone connected with housing and exhaust pipe thus forming cylindrical and conical cavities connected by conduit with accumulator of fine fractions, and electromagnetic coil is installed outside the cylinder from nonmagnetic material.