

ENHANCED OZONE AND ANION GENERATOR

ABSTRACT

5 An enhanced ozone and anion generator, comprising: a housing, provided with at least one air inlet and at least one air outlet path; a filter unit, mounted on said inlet and being provided with at least an electrostatic and dust collecting filter net; a ventilator, mounted inside said housing to push air out through said air outlet path; an ozone generating system to produce a high
10 quantity of ozone gas; at least one anion generating device, mounted in said air outlet path and generating an ionizing electric field, such that air passing through said air outlet path takes anions with it; and a distributing device to direct ozone gas produced by said
15 ozone generating system, as desired, either through an ozone outlet, which is mounted on said housing, or to said outlet path to be mixed with ionized air and to be released into said housing's exterior.

FIGURE 1