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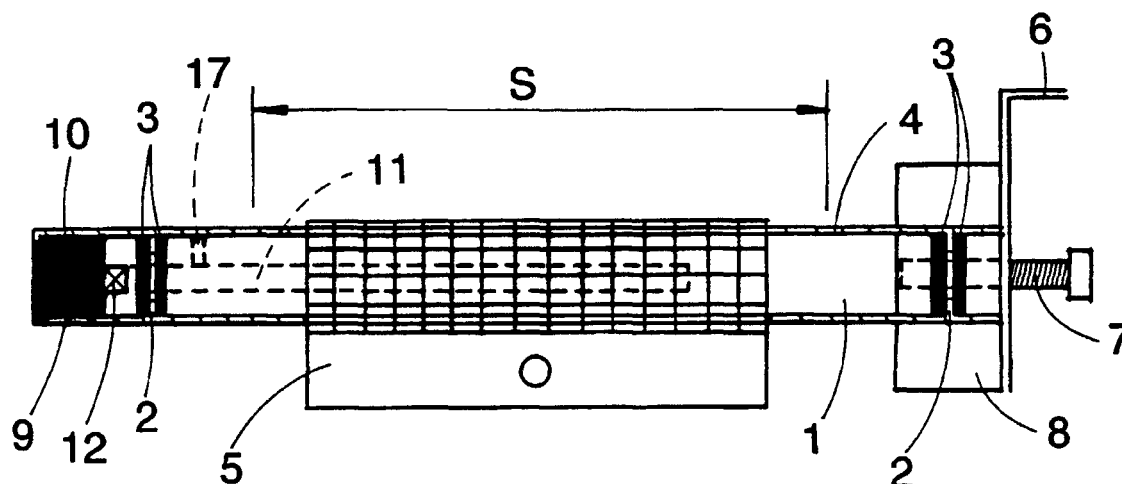
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(54) Title: CORONA DISCHARGE CELLS AND METHODS OF USE



(57) Abstract: Corona discharge cells for the production of ozone are respectively constructed of inner electrodes (1) fabricated from metal bar, a dielectric sleeve (4) and outer electrodes (5). Spacers and/or sealing rings (3) isolate a corona discharge producing region (S) from ambient conditions. Hollow bores (31, 32) in the inner electrode (1) may access an air space between the electrodes between the spacers (3). The surfaces of the inner electrodes can be roughed to enhance ozone production within the corona discharge producing region.

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