ABSTRACT

DIELECTRIC BARRIER DISCHARGE PLASMA GENERATOR

A dielectric barrier discharge plasma generator includes a ground electrode and a high voltage electrode which are configured to form a circuit to receive a power input for plasma generation, a dielectric barrier having a first surface attached to the high voltage electrode, and a second surface facing the ground electrode, and discharge gap being formed between the second surface of the dielectric barrier and the ground electrode for plasma generation, and a resiliently deformable mechanism operative to bias the high voltage electrode against the first surface of the dielectric barrier.

[FIG. 1]