

Title (en)

IONIZING DEVICE FOR AIR TREATMENT SYSTEMS

Title (de)

IONISIERUNGSVORRICHTUNG FÜR LUFTBEHANDLUNGSANLAGEN

Title (fr)

DISPOSITIF D'IONISATION POUR INSTALLATIONS DE TRAITEMENT DE L'AIR

Publication

EP 2376231 A1 20111019 (DE)

Application

EP 09804008 A 20091215

Priority

- EP 2009008979 W 20091215
- DE 102008062415 A 20081217

Abstract (en)

[origin: CA2749037A1] The invention relates to an ionizing device (1) for air treatment systems, comprising two electrodes that can be connected to a high-voltage source generating an AC voltage and between which a dielectrically encumbered discharge can be induced for generating a plasma, wherein each electrode comprises a deformable shape (2, 3) having an electrical conductor encased in a dielectric material (7) and wherein the two deformable shapes (2, 3) are fixed relative to each other such that the two deformable shapes (2, 3) contact each other at least in areas or have a small enough distance from each other that they can induce the dielectrically encumbered discharge.

IPC 8 full level

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Citation (examination)

- JP H11221489 A 19990817 - KINKI KK, et al
- US 6455014 B1 20020924 - HAMMERSTROM DONALD J [US], et al
- See also references of WO 2010075958A1

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