

Title (en)

HIGH-VOLTAGE PULSE GENERATOR AND HIGH-PRESSURE DISCHARGE LAMP HAVING A HIGH-VOLTAGE PULSE GENERATOR

Title (de)

HOCHSPANNUNGSIMPULSGENERATOR UND HOCHDRUCKENTLADUNGSLAMPE MIT EINEM HOCHSPANNUNGSIMPULSGENERATOR

Title (fr)

GÉNÉRATEUR D'IMPULSIONS À HAUTE TENSION ET LAMPE À DÉCHARGE À HAUTE PRESSION DOTÉE D'UN GÉNÉRATEUR D'IMPULSIONS À HAUTE TENSION

Publication

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Application

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Priority

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Abstract (en)

[origin: US2011148300A1] A high-voltage pulse generator based on a spiral pulse generator, wherein the spiral pulse generator is implemented as an LTCC component and is wound from at least two ceramic and at least two metal-containing layers, and the high-voltage pulse generator can be introduced into a cylindrical volume $V=d^2\pi^3d$ whose length is three times as long as the diameter of the volume, and the volume of the high-voltage pulse generator is greater than one-third of the cylindrical volume. Also disclosed is a high-pressure discharge lamp having a tubular outer piston, wherein the outer piston of the high-pressure discharge lamp has an aforesaid high-voltage pulse generator.

IPC 8 full level

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CPC (source: EP US)

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