

Title (en)

HIGH-VOLTAGE PULSE GENERATOR AND HIGH-PRESSURE DISCHARGE LAMP COMPRISING SUCH A GENERATOR

Title (de)

HOCHSPANNUNGSPULSGENERATOR UND HOCHDRUCKENTLADUNGSLAMPE MIT DERARTIGEM GENERATOR

Title (fr)

GÉNÉRATEUR D'IMPULSIONS DE HAUTE TENSION ET LAMPE À DÉCHARGE HAUTE PRESSION POURVUE D'UN GÉNÉRATEUR DE CE TYPE

Publication

EP 2116111 B1 20101124 (DE)

Application

EP 08717396 A 20080305

Priority

- EP 2008052642 W 20080305
- DE 102007010898 A 20070306

Abstract (en)

[origin: US2010102725A1] A compact high-voltage pulse generator based on a spiral pulse generator, the spiral pulse generator being in the form of an LTCC component part or HTCC component part including a ceramic film wound in the form of a spiral and metallic conductive paste applied thereto in strip form, wherein the spiral pulse generator acts as a transformer by virtue of a first metallic conductor being rolled up to form a spiral with n turns, where n is at least 5, while in addition a switch and a charging capacitor are connected to the start of the first metallic conductor.

IPC 8 full level

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CPC (source: EP US)

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