

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 A1 20091111 (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

H05B 41/04 (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

H05B 41/042 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010102725 A1 20100429; AT E489835 T1 20101215; CN 101658073 A 20100224; DE 102007010898 A1 20080911; DE 502008001885 D1 20110105; EP 2116111 A1 20091111; EP 2116111 B1 20101124; JP 2010520596 A 20100610; JP 5086374 B2 20121128; TW 200845819 A 20081116; WO 2008107447 A1 20080912

DOCDB simple family (application)

US 52974508 A 20080305; AT 08717396 T 20080305; CN 200880003909 A 20080305; DE 102007010898 A 20070306; DE 502008001885 T 20080305; EP 08717396 A 20080305; EP 2008052642 W 20080305; JP 2009552195 A 20080305; TW 97107826 A 20080306