Title (en)

METHOD AND OPERATING DEVICE FOR MINIMIZING THE INSULATION STRESS OF A HIGH-PRESSURE DISCHARGE LAMP SYSTEM

Title (de)

VERFAHREN UND BETRIEBSGERÄT ZUR MINIMIERUNG DER ISOLATIONSBEANSPRUCHUNG EINES HOCHDRUCKENTLADUNGSLAMPENSYSTEMS

Title (fr)

PROCÉDÉ ET SYSTÈME APPROPRIÉ, UTILISÉS POUR RÉDUIRE À UN MINIMUM LA SOLLICITATION DE L'ISOLATION DANS UN SYSTÈME DE LAMPES À DÉCHARGE SOUS HAUTE PRESSION

Publication

EP 2260682 A1 20101215 (DE)

Application

EP 08735438 A 20080319

Priority

EP 2008053292 W 20080319

Abstract (en)

[origin: WO2009115120A1] The invention relates to a method for minimizing the insulation stress of a high-pressure discharge lamp system, comprising an operating device that generates a high voltage for starting the high-pressure discharge lamp, wherein an ignition voltage time total applied at the start of the lamp is minimized, the ignition voltage time total is the total of all time segments Z i, during which the level of the ignition voltage exceeds an ignition voltage threshold, and the ignition voltage threshold is defined as a factor region of a maximum value of the applied high voltages. The invention further relates to an operating device employing said method.

IPC 8 full level

H05B 41/04 (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP US)

H05B 41/042 (2013.01 - EP US); Y10S 315/07 (2013.01 - EP US)

Citation (search report)

See references of WO 2009115120A1

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009115120 A1 20090924; CN 101978786 A 20110216; CN 101978786 B 20140618; EP 2260682 A1 20101215; EP 2260682 B1 20130508; KR 101532546 B1 20150701; KR 20100126813 A 20101202; TW 200948199 A 20091116; US 2011018459 A1 20110127; US 8941334 B2 20150127

DOCDB simple family (application)

EP 2008053292 W 20080319; CN 200880128162 A 20080319; EP 08735438 A 20080319; KR 20107023129 A 20080319; TW 98108177 A 20090313; US 93364108 A 20080319