

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

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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.

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