

Title (en)

Ignition of gas discharge lamps in variable ambient conditions

Title (de)

Zündung von Gasentladungslampen unter variablen Umgebungsbedingungen

Title (fr)

Allumage de lampes à décharge dans des conditions environnementales variables

Publication

EP 1901591 B1 20090729 (DE)

Application

EP 07113856 A 20070806

Priority

DE 102006042954 A 20060913

Abstract (en)

[origin: EP1901591A1] The method involves overlaying a direct current in a fluorescent lamp and determining a direct current portion of a fluorescent lamp current. A lamp power output of the fluorescent lamp is controlled with the determined direct current portion as a control variable and a variable analog or digital direct current-reference variable. An operation of the fluorescent lamp is controlled before igniting the lamp based on the direct current portion as the control variable. An independent claim is also included for an operating device for controlling a fluorescent lamp.

IPC 8 full level

H05B 41/392 (2006.01)

CPC (source: EP)

H05B 41/3921 (2013.01)

Cited by

WO2012083324A1; WO2019154580A1; DE102010063867A1; EP2556728A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1901591 A1 20080319; EP 1901591 B1 20090729; AT E438286 T1 20090815; CN 101146393 A 20080319; CN 101146393 B 20110706; DE 102006042954 A1 20080327; DE 502007001177 D1 20090910

DOCDB simple family (application)

EP 07113856 A 20070806; AT 07113856 T 20070806; CN 200710149586 A 20070912; DE 102006042954 A 20060913; DE 502007001177 T 20070806