

Title (en)
METHOD FOR OPERATING A UV LAMP

Title (de)
VERFAHREN ZUM BETRIEB EINER UV - LAMPE

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UNE LAMPE À UV

Publication
EP 2080423 A1 20090722 (DE)

Application
EP 07816177 A 20071005

Priority
• CH 2007000494 W 20071005
• CH 17632006 A 20061107
• CH 8902007 A 20070605

Abstract (en)
[origin: WO2008055366A1] A method for operating a UV lamp (8) comprising the following steps: - a converter (1) produces a bipolar feed voltage, current-limiting means (13) being provided, - the converter (1) is fed from the supply system and it produces an adjustable bipolar feed voltage with a pre-selectable adjustable frequency, both of which can be predetermined by an electronic controller (14), - an ignition operation (B, D) is introduced on the lamp (8) and the ignition (D) is monitored by the controller (14), - after the ignition (D) there follows a run-in phase (D, E), in which at least one of the parameters: temperature, voltage and current is detected by the controller (14) and the bipolar feed voltage and/or its frequency is adjusted using the converter (1) in such a way that the lamp parameters are maintained, - then the desired lamp power is predetermined for achieving operation readiness (E, F) by means of varying the frequency or the voltage for the purpose of adjusting the desired lamp power for the following operating phase (G, H).

IPC 8 full level
H05B 41/392 (2006.01)

CPC (source: EP)
H05B 41/3921 (2013.01)

Citation (search report)
See references of WO 2008055366A1

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)
WO 2008055366 A1 20080515; WO 2008055366 A8 20080918; EP 2080423 A1 20090722

DOCDB simple family (application)
CH 2007000494 W 20071005; EP 07816177 A 20071005