

Title (en)

Switching assembly for high pressure gas discharge lamps

Title (de)

Schaltungsanordnung für Hochdruck-Gasentladungslampen

Title (fr)

Circuit pour lampes à décharge haute pression

Publication

EP 1843645 A3 20080702 (DE)

Application

EP 07007165 A 20070405

Priority

DE 102006016827 A 20060407

Abstract (en)

[origin: EP1843645A2] The circuit has a series circuit (70,11) with a controllable switching mechanism (70) connected in parallel with the lamp (3), an arrangement for determining the degree of asymmetry of the lamp operating voltage and a controller (50) for short-circuiting the lamp by driving the switching mechanism in response to the detected asymmetry. An independent claim is also included for a method of operating a high pressure gas discharge lamp.

IPC 8 full level

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

CPC (source: EP)

H05B 41/042 (2013.01); **H05B 41/18** (2013.01)

Citation (search report)

- [X] DE 19531623 A1 19970306 - TRIDONIC BAUELEMENTE [AT]
- [X] DE 19531622 A1 19970306 - TRIDONIC BAUELEMENTE [AT]
- [X] DE 102004045834 A1 20060323 - BAG ELECTRONICS GMBH [DE]

Cited by

AT12721U1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1843645 A2 20071010; EP 1843645 A3 20080702; EP 1843645 B1 20150325; DE 102006016827 A1 20071011

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EP 07007165 A 20070405; DE 102006016827 A 20060407