

Title (en)

Circuit for operating a high pressure discharge lamp with a starting period shunting mode

Title (de)

Betriebsschaltung für Hochdruckentladungslampen mit Zündzeitüberbrückungsfunktion

Title (fr)

Circuit pour alimenter des lampes à décharge à haute pression muni d'une fonction d'interim pendant l'amorçage

Publication

EP 0866647 A3 19981202 (DE)

Application

EP 98103765 A 19980304

Priority

DE 29705183 U 19970321

Abstract (en)

[origin: US5917287A] The circuit for operating a high-pressure gas discharge lamp (HID) has a device (ZZ+E,uml U+EE) for ignition-time bridging by switching in a second lamp (GL), the ignition-time bridging device (ZZ+E,uml U+EE) being driven by a signal (S) indicating the operating state of the high-pressure discharge lamp (HID), and the drive signal (S) being an output signal of a power controller (R) of the circuit.

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 37/04 (2006.01); **H05B 41/282** (2006.01); **H05B 41/04** (2006.01); **H05B 41/288** (2006.01); **H05B 41/36** (2006.01); **H05B 41/392** (2006.01); **H05B 41/46** (2006.01)

CPC (source: EP US)

H05B 41/042 (2013.01 - EP US); **H05B 41/36** (2013.01 - EP US); **H05B 41/46** (2013.01 - EP US); **H05B 47/29** (2020.01 - EP US); **Y10S 315/04** (2013.01 - EP US)

Citation (search report)

- [A] US 5300863 A 19940405 - MAYER THOMAS J [US]
- [A] US 5256946 A 19931026 - GARBOWICZ GLENN D [US], et al
- [A] EP 0644709 A1 19950322 - HELLA KG HUECK & CO [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 5917287 A 19990629; AT E199113 T1 20010215; CA 2232901 A1 19980921; CA 2232901 C 20050215; DE 29705183 U1 19970515; DE 59800459 D1 20010315; EP 0866647 A2 19980923; EP 0866647 A3 19981202; EP 0866647 B1 20010207; JP H10270188 A 19981009

DOCDB simple family (application)

US 4539598 A 19980320; AT 98103765 T 19980304; CA 2232901 A 19980320; DE 29705183 U 19970321; DE 59800459 T 19980304; EP 98103765 A 19980304; JP 8294098 A 19980313