

Title (en)

Circuit for operating AC high pressure discharge lamps for a vehicle

Title (de)

Schaltung zum Betreiben einer Wechselstrom-Hochdruckgasentladungslampe für ein Kraftfahrzeug

Title (fr)

Circuit pour alimenter en courant alternatif des lampes à décharge pour un véhicule

Publication

EP 1056314 A3 20010912 (DE)

Application

EP 00110479 A 20000517

Priority

DE 19924097 A 19990526

Abstract (en)

[origin: EP1056314A2] The high pressure gas discharge bulb, such as a halogen lamp (GDL) is connected to a firing circuit that receives inputs from control module. The firing circuit includes a transformer coupled to a symmetrical filter that incorporates a capacitor and two inductances. The capacitor is connected in parallel to the lamp.

IPC 1-7

H05B 41/288

IPC 8 full level

H05B 41/288 (2006.01); **H05B 41/292** (2006.01)

CPC (source: EP)

H05B 41/292 (2013.01)

Citation (search report)

- [Y] US 5828186 A 19981027 - SLEIGERS FRANS [NL], et al
- [Y] DE 19645752 A1 19970515 - KOITO MFG CO LTD [JP]
- [A] EP 0891123 A1 19990113 - MAGNETI MARELLI SPA [IT]

Cited by

CN103155715A; CN100455156C; US7460379B2; US7456583B2; WO2011115509A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1056314 A2 20001129; EP 1056314 A3 20010912; EP 1056314 B1 20030917; AT E250321 T1 20031015; DE 19924097 A1 20001130; DE 50003692 D1 20031023; ES 2207439 T3 20040601

DOCDB simple family (application)

EP 00110479 A 20000517; AT 00110479 T 20000517; DE 19924097 A 19990526; DE 50003692 T 20000517; ES 00110479 T 20000517