

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 - SLEGGERS 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)

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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

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