

Title (en)

Circuit for operating AC high pressure discharge lamps for a vehicle

Title (de)

Schaltung zum Betreiben von Wechselstrom-Hochdruckgasentladungslampen für ein Kraftfahrzeug

Title (fr)

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

Publication

EP 1056315 A3 20010912 (DE)

Application

EP 00110480 A 20000517

Priority

DE 19924095 A 19990526

Abstract (en)

[origin: EP1056315A2] The high pressure gas discharge bulb, such as a halogen bulb (GDL), is connected to a firing circuit that receives inputs fr control module. The firing circuit has a trans former coupled to a symmetrical filter that includes a capacitor and two inductan The capacitor is connected in parallel to the lamp. Both inductances are formed with a closed soft magnetic core, such as high resistivity ferrite material. The cores are arranged in a ring format.

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)

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