

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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- [A] EP 0740492 A2 19961030 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
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