

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 B1 20030730 (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)

Cited by

CN102227955A; DE10116254A1; US7460379B2; US8049432B2; US7456583B2; WO2010060842A1; WO2006026943A1; WO2010027390A3; WO2007068635A1; WO2009049674A1

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DOCDB simple family (publication)

EP 1056315 A2 20001129; **EP 1056315 A3 20010912**; **EP 1056315 B1 20030730**; AT E246439 T1 20030815; DE 19924095 A1 20001130; DE 50003068 D1 20030904; ES 2203375 T3 20040416

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