Title (en)

Method and apparatus for generating a status signal representing the operating state of a high-pressure gas discharge lamp in a motor vehicle

Title (de)

Verfahren und Vorrichtung zur Erzeugung eines Statussignals über den Betriebszustand einer Hochdruckgasentladungslampe in einem Kraftfahrzeug

Title (fr)

Procédé et dispositif pour la génération d'un signal d'état représentant l'état de l'opération d'une lampe à décharge à haute pression dans un véhicule à moteur

Publication

EP 0996315 A3 20000510 (DE)

Application

EP 99120661 A 19991019

Priority

DE 19848757 A 19981022

Abstract (en)

[origin: EP0996315A2] The method involves measuring a lamp voltage (U) and current (I), comparing them with a demand value and generating a status signal that can adopt the values lamp on and lamp off. The status signal is set and stored if the lamp current exceeds an upper demand value and is reset if the lamp current falls below a lower demand value and the lamp voltage exceeds a demand value. An Independent claim is also included for an arrangement for generating a status signal regarding the operating state of a high pressure gas discharge lamp in a motor vehicle.

IPC 1-7

H05B 41/36; H05B 41/282

IPC 8 full level

H05B 41/282 (2006.01); **H05B 41/292** (2006.01); **H05B 41/36** (2006.01)

CPC (source: EP)

H05B 41/2925 (2013.01); **H05B 41/2928** (2013.01)

Citation (search report)
- [A] EP 0540924 A1 19930512 - HELLA KG HUECK & CO [DE]
- [A] EP 0577105 A1 19940105 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- [A] US 5487088 A 19960123 - WELTZ RICHARD [US], et al

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 0996315 A2 20000426; **EP 0996315 A3 20000510**; **EP 0996315 B1 20040428**; AT E265799 T1 20040515; DE 19848757 A1 20000427; DE 59909313 D1 20040603; ES 2218931 T3 20041116

DOCDB simple family (application)

EP 99120661 A 19991019; AT 99120661 T 19991019; DE 19848757 A 19981022; DE 59909313 T 19991019; ES 99120661 T 19991019