

Title (en)  
APPARATUS FOR LIGHTING DISCHARGE LAMP

Title (de)  
GERÄT ZUM BETREIBEN EINER ENTLADUNGSLAMPE

Title (fr)  
DISPOSITIF D'ALLUMAGE POUR LAMPE A DECHARGE

Publication  
**EP 1041862 A4 20011107 (EN)**

Application  
**EP 99947921 A 19991015**

Priority  

- JP 9905703 W 19991015
- JP 29642198 A 19981019
- JP 31434998 A 19981105
- JP 32163698 A 19981112

Abstract (en)  
[origin: EP1041862A1] A discharge lamp lighting device for lighting a discharge lamp (5c) within a discharge lamp load circuit (5) by converting a direct current supplied from a direct current power source (1) into a high frequency current by an inverter circuit (2) and using the high frequency current, comprising a current detecting circuit (6) for detecting a current supplied to the discharge lamp load circuit (5), a reference voltage circuit (14) for outputting a plurality of different reference voltages, an error amplifier (9) for producing a control signal based on an output from the current detecting circuit (6) and an output from the reference voltage circuit (14), an inverter driving circuit (3) for controlling the inverter circuit (2), based on the control signal from the error amplifier (9), to regulate the current to be supplied to the discharge lamp load circuit (5), and reference voltage selecting means (19) for selecting a reference voltage output from the reference voltage circuit (14). The discharge lamp lighting device is applicable to the discharge lamp having a plurality of different rated values. <IMAGE>

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IPC 8 full level  
**H05B 41/282** (2006.01); **H05B 41/36** (2006.01); **H05B 41/392** (2006.01); **H05B 41/40** (2006.01)

CPC (source: EP)  
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Citation (search report)  

- [XA] US 5481163 A 19960102 - NAKAMURA KENJI [JP], et al
- [A] US 5295036 A 19940315 - YAGI SOICHI [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02 29 February 1996 (1996-02-29)
- See references of WO 0024230A1

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Designated contracting state (EPC)  
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