

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 A1 20001004 (EN)

Application
EP 99947921 A 19991015

Priority

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Abstract (en)
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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