

Title (en)

BALLAST FOR AT LEAST ONE GAS DISCHARGE LAMP AND METHOD FOR OPERATING SUCH A BALLAST

Title (de)

VORSCHALTGERÄT FÜR MINDESTENS EINE GASENTLADUNGSLAMPE UND VERFAHREN ZUM BETREIBEN EINES DERARTIGEN VORSCHALTGERÄTS

Title (fr)

BALLAST POUR AU MOINS UNE LAMPE A DECHARGE, ET PROCEDE POUR FAIRE FONCTIONNER UNE TEL BALLAST

Publication

EP 1095543 B1 20031112 (DE)

Application

EP 00941880 A 20000419

Priority

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Abstract (en)

[origin: US6316888B1] A ballast for a gas discharge lamp having an inverter. A DC voltage source feeds the ballast. A bridge circuit is arranged in parallel with the DC voltage source. The bridge circuit has first and second controllable switches. The midpoint of the bridge is connected to a load circuit having the gas discharge lamp. The gas discharge lamp has first and second electrodes. A control circuit controls the pulse duty factor of the first and second switches. The pulse duty factor is not equal to 50%. The control circuit controls the pulse duty factor such that the first and second electrodes are subjected to essentially the same thermal load on average.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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