

Title (en)

DISCHARGE LAMP UNIT WITH VARIABLE LIGHT INTENSITY.

Title (de)

ENTLADUNGSLEUCHTEINHEIT MIT ÄNDERLICHER LICHTINTENSITÄT.

Title (fr)

SYSTEME DE LAMPE A DECHARGE A INTENSITE DE LUMIERE VARIABLE.

Publication

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Application

**EP 90908615 A 19900525**

Priority

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- HU 268189 A 19890525

Abstract (en)

[origin: WO9014746A1] Discharge lamp unit with variable light intensity, especially for light display boards which comprises a discharge lamp with a heated cathode, an ignition circuit coupled to the lamp, a direct current source coupled to anode and cathode electrodes of the lamp and a light intensity adjusting circuit connected in the anode to cathode path of the lamp, wherein the light discharge lamp is formed by a compact discharge tube (1) with two filaments (2, 4), two ends of the first filament (2) are connected to terminals of a heating source (3), the negative terminal (V-) of the direct current source is connected to the heating source (3), and the light intensity adjusting circuit comprises a controlled switch (5). In an embodiment with increased lifetime the heating source (3) comprises a heating transformer, the end terminals of the first filament (2) are connected to the secondary winding of the heating transformer, and the negative terminal (V-) of the direct current source is connected to central tap point (9) of the secondary winding.

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