

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

EP 0473679 B1 19950222 (EN)

Application

EP 90908615 A 19900525

Priority

- HU 9000037 W 19900525
- 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.

IPC 1-7

H05B 41/38; G09F 9/313

IPC 8 full level

H05B 41/38 (2006.01); **G09F 9/33** (2006.01); **H05B 41/18** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/18 (2013.01); **H05B 41/3927** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9014746 A1 19901129; AT E118955 T1 19950315; DE 69017209 D1 19950330; DE 69017209 T2 19950928; EP 0473679 A1 19920311; EP 0473679 B1 19950222; ES 2071098 T3 19950616; HU 202701 B 19910328; RU 2095946 C1 19971110

DOCDB simple family (application)

HU 9000037 W 19900525; AT 90908615 T 19900525; DE 69017209 T 19900525; EP 90908615 A 19900525; ES 90908615 T 19900525; HU 268189 A 19890525; SU 5010532 A 19900525