

Title (en)

Starting circuit for a high pressure metal vapor discharge lamp

Title (de)

Zündschaltung für eine Hochdruckmetall dampfentladungslampe

Title (fr)

Circuit d'amoragc pour une lampe à décharge haute pression à vapeur métallique

Publication

EP 0595333 B1 19970312 (DE)

Application

EP 93117526 A 19931028

Priority

DE 4236403 A 19921028

Abstract (en)

[origin: EP0595333A1] In a starting circuit (starter circuit, ignition circuit) for a high-pressure metal-vapor discharge lamp 5, the series circuit consisting of a surge capacitor 6 and an auxilliary starter capacitor 7 is bridged by a spark gap 15 which is connected to the mains 1, 2 on one side by means of the inductor 3 and on the other side by means of a fuse 16. In this way, it is ensured that in the case of breakage of the supply lines 19 to the burner 17 in the evacuated bulb 18 of the lamp 5, overvoltages which arise at the capacitors 6, 7 lead to a breakdown of the spark gap 15 and thus to a melting of the fuse 16. <IMAGE>

IPC 1-7

H05B 41/04

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0595333 A1 19940504; EP 0595333 B1 19970312; AT E150248 T1 19970315; DE 4236403 A1 19940707; DE 59305732 D1 19970417

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