

Title (en)

Cathode filament heating circuit for a low-pressure discharge lamp

Title (de)

Heizschaltung für die Wendeln einer Niederdruckentladungslampe

Title (fr)

Circuit de chauffage des cathodes d'une lampe à décharge basse-pression

Publication

EP 0848581 A1 19980617 (EN)

Application

EP 97660141 A 19971210

Priority

- FI 964972 A 19961212
- FI 971362 A 19970403

Abstract (en)

The invention relates to a filament heating circuit for the cathodes of a low-pressure discharge lamp, comprising a filament heating current capacitor (11) connected in series with electrodes (6, 7) of a lamp (3) in parallel with a lamp. In the filament heating current circuit there is connected one or more components (12, 13), which constitute a resonance circuit or affects on the operation of the main resonance circuit and are dimensioned to change the filament heating current passing through the electrodes (6, 7) as the frequency of a lamp current changes. <IMAGE>

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 41/295 (2006.01)

CPC (source: EP)

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Citation (search report)

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- [X] EP 0602719 A1 19940622 - KONINKL PHILIPS ELECTRONICS NV [NL]

Cited by

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