

Title (en)

Electronic ballast and starter circuit.

Title (de)

Elektronisches Vorschaltgerät und Anlaufschaltung.

Title (fr)

Ballast électronique et circuit d'amorçage.

Publication

EP 0327404 A1 19890809 (EN)

Application

EP 89301116 A 19890206

Priority

CA 558113 A 19880204

Abstract (en)

An electronic ballast (2) for a low pressure discharge lamp (1) has a stabilizer load (3) for series connection with said lamp and an electronic starter circuit (7) for parallel connection with the said lamp and for series connection with the heater electrodes (8, 9) of said lamp. The starter circuit (7) has three parallel elements, the first of said parallel elements comprising a triac (10), the second (11) of said parallel elements comprising a twin branch voltage divider with a resistive element (12) in the first of said branches and a capacitive element (13) in the second of said branches, the third of said parallel elements comprising a series connection of a diode element (15) and a resistive element (14). The capacitive element (13) of said second branch is connected across the gate (16) of the said triac (10) by means of a diode or diac (17).

IPC 1-7

H05B 41/04; **H05B 41/18**

IPC 8 full level

H05B 41/04 (2006.01); **H05B 41/18** (2006.01)

CPC (source: EP)

H05B 41/046 (2013.01); **H05B 41/18** (2013.01)

Citation (search report)

- [A] FR 2441990 A1 19800613 - LAMPES SA
- [A] US 4406976 A 19830927 - WISBEY ROBERT W [US], et al
- [A] US 4145638 A 19790320 - KANEDA ISAO

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

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