

Title (en)

Electronic starting device for fluorescent discharge lamps and the like, having improved characteristics

Title (de)

Elektronische Schaltung zum Zünden von Leuchtstofflampen und Ähnlichen, mit verbesserten Eigenschaften

Title (fr)

Circuit électronique de démarrage pour lampes fluorescentes et similaires, ayant des caractéristiques améliorées

Publication

EP 1051060 A1 20001108 (EN)

Application

EP 99830279 A 19990507

Priority

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Abstract (en)

An electronic starting device (1) for fluorescent discharge lamps, highpressure lamps and the like which is meant to be connected downstream of at least one discharge lamp (2) which is connected to the AC supply mains by means of a ballast (3), the particularity of which is the fact that it comprises a rectifier bridge (5) which is connected to first pins of the at least one lamp, a Zener diode (6) and a first resistor (7) which are series-connected to the rectifier bridge, and a circuit portion which is constituted by a first capacitor (8) and a second capacitor (11) to which a second resistor (9) and a third resistor (12) are respectively parallel-connected, a diac (13) which is series-connected to the second capacitor (11), and a third capacitor (14) to which a fourth resistor (15) is parallel-connected, switching means (10) being provided which are connected to the circuit portion and to the rectifier bridge, the switching means being connected to the diac (13) by means of a first terminal, to the first capacitor (8) by means of a second terminal and to the rectifier bridge (5) by means of a third terminal, the third capacitor (14) and the fourth resistor (15) being connected between the first terminal and the second terminal. <IMAGE>

IPC 1-7

H05B 41/04

IPC 8 full level

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CPC (source: EP)

H05B 41/046 (2013.01)

Citation (search report)

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- [A] EP 0249485 A1 19871216 - TEXAS INSTRUMENTS INC [US], et al

Designated contracting state (EPC)

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