

Title (en)

Power supply for luminescent lamps.

Title (de)

Stromversorgung für Leuchtstofflampen.

Title (fr)

Alimentation pour tubes luminescents.

Publication

EP 0613327 A1 19940831 (EN)

Application

EP 93102678 A 19930219

Priority

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Abstract (en)

The present invention relates to a source of secondary power supply and may be applied as a power source for luminescent lamps. The power supply consists of an electronic starter with a current-proportional controlled mains voltage rectifier, assembled in the half-bridge circuit. The introduced components and their connection in the power supply exclude the "cold" switching-on of the lamp, limit both the peak value of the no-load voltage and the starting current. In special versions of the power supply, provision has been made of high noise stability, exclusion of unregulated switch-on of the lamp, quick availability for operation of the electronic starter and preliminary warm-up of the lamp cathodes. The power supply provides the matching of the parameters of the lamp and the power supply in the start-up procedures, which increases the operation reliability of both the power supply and the luminescent lamps, prolonging thus their service life to a considerable extent. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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- [A] DE 3938677 A1 19910523 - TRILUX LENZE GMBH & CO KG [DE]
- [A] GB 2053592 A 19810204 - SILIANI P L

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