

Title (en)

Fluorescent lamp assembly with improved run-up

Title (de)

Leuchtstofflampenanordnung mit verbessertem Hochfahren

Title (fr)

Ensemble de lampe fluorescente avec démarrage amélioré

Publication

EP 2728607 A1 20140507 (EN)

Application

EP 13190072 A 20131024

Priority

US 201213669517 A 20121106

Abstract (en)

A discharge lamp 100 having an improved run-up time is disclosed. In an embodiment, the discharge lamp 100 includes a light-transmissive discharge tube 102 extending from a first end 104 to a second end 106 and having an inner surface 108 and an outer surface 110, a phosphor coating 160 layered onto the inner surface 108 of the discharge tube 102, and a fill gas composition capable of sustaining a discharge sealed within the discharge tube 102. Also included is a resistive heating wire 118 positioned about the outer surface 110 of the discharge tube 102. In some embodiments, a lamp driver circuit 124 is included that operates when the lamp is turned ON to provide power to electrodes 112, 114 in the discharge tube 102 and to provide power to the resistive heating wire 118, and operates to disconnect power from the resistive heating wire 118 when the discharge lamp 100 achieves a predetermined percentage of its stabilized lumen output.

IPC 8 full level

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Citation (search report)

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- [XY] EP 0466749 A1 19920122 - REINIG CLAUS [DE]
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