

Title (en)

Circuit and method for starting and operating gas discharge lamps with preheating filaments

Title (de)

Schaltungsanordnung und Verfahren zum Start und Betrieb von Gasentladungslampen mit heizbaren Elektrodenwendeln

Title (fr)

Circuit et méthode d'allumage et de commande du fonctionnement des lampes à décharge de gaz avec filaments de préchauffage

Publication

**EP 1443808 A3 20060322 (DE)**

Application

**EP 03029437 A 20031219**

Priority

DE 10303277 A 20030128

Abstract (en)

[origin: EP1443808A2] The gas discharge lamps [LP1,LP2] are supplied by a system with a rectifier [D1-4] having an output coupled to an electronic pumping circuit [UN1,D7,D8] and a capacitor [C31]. An AC inverter [INV] connects with a resonator circuit [L3,C6,C7] having a regulator [CONT] and a preheater resistor controls attenuation. This operates to limit values from a switch.

IPC 8 full level

**H05B 41/285** (2006.01); **H05B 41/295** (2006.01)

CPC (source: EP KR US)

**H05B 41/285** (2013.01 - KR); **H05B 41/295** (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Citation (search report)

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