

Title (en)

Circuit and method for starting and operating discharge lamps

Title (de)

Schaltungsanordnung und Verfahren zum Start und Betrieb von Entladungslampen

Title (fr)

Circuit et méthode d'allumage et de commande du fonctionnement des lampes à décharges

Publication

EP 1443807 B1 20070124 (DE)

Application

EP 03029436 A 20031219

Priority

DE 10303276 A 20030128

Abstract (en)

[origin: EP1443807A2] 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]. This operates to limit values from a switch.

IPC 8 full level

H05B 41/282 (2006.01); **H05B 41/295** (2006.01); **H05B 41/28** (2006.01)

CPC (source: EP KR US)

H05B 41/28 (2013.01 - EP US); **H05B 41/282** (2013.01 - KR); **H05B 41/295** (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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