

Title (en)

Circuit with a current control and a near-capacitive mode detection for operating a discharge lamp

Title (de)

Entladungslampenbetriebsschaltung mit einer Stromregelschaltung und einer Schaltung zur Detektion der Nähe zu einem kapazitiven Betrieb

Title (fr)

Circuit muni d'une régulation de courant et d'une détection d'approche de fonctionnement en mode capacitif pour alimenter une lampe à décharge

Publication

EP 1372362 A3 20060405 (DE)

Application

EP 03012801 A 20030605

Priority

DE 10225880 A 20020611

Abstract (en)

[origin: EP1372362A2] A lamp control circuit (12, 13) controls the load circuit to a set value (ILamp soll). When the detection circuit signals proximity to capacitive operation, the operating circuit is designed to reduce the set value.

IPC 8 full level

H05B 41/285 (2006.01)

CPC (source: EP US)

H05B 41/2856 (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US)

Citation (search report)

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- [X] EP 0338109 A1 19891025 - ZUMTOBEL AG [AT]
- [X] US 5696431 A 19971209 - GIANNOPOULOS DEMETRI J [US], et al
- [X] WO 9934650 A1 19990708 - TRIDONIC BAUELEMENTE [AT], et al
- [AD] US 6331755 B1 20011218 - RIBARICH THOMAS J [US], et al
- [A] EP 0430358 A1 19910605 - PHILIPS NV [NL]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1372362 A2 20031217; **EP 1372362 A3 20060405**; CA 2431666 A1 20031211; DE 10225880 A1 20031224; US 2004036426 A1 20040226; US 6828737 B2 20041207

DOCDB simple family (application)

EP 03012801 A 20030605; CA 2431666 A 20030610; DE 10225880 A 20020611; US 45867603 A 20030611