

Title (en)

Output current controller for fluorescent lamp ballast.

Title (de)

Ausgangsstromregler für Leuchtstofflampen-Vorschaltgeräte.

Title (fr)

Contrôleur de courant de sortie pour ballast de lampe fluorescente.

Publication

EP 0150585 A1 19850807 (EN)

Application

EP 84308357 A 19841130

Priority

US 57460284 A 19840126

Abstract (en)

One (46) of the low voltage output windings (42, 44, 46) of a standard ballast circuit (16) is coupled to one filament (60) of a pair of series connected fluorescent lamps (10 and 12) through a regulating capacitor (62) and a current rectifying diode (64) which are connected in series across such output winding (46) and in parallel to the one filament.

IPC 1-7

H05B 41/14

IPC 8 full level

H05B 41/04 (2006.01); **H05B 41/232** (2006.01)

CPC (source: EP KR)

H05B 41/044 (2013.01 - EP); **H05B 41/14** (2013.01 - KR); **H05B 41/2325** (2013.01 - EP)

Citation (search report)

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- US 3921032 A 19751118 - HALLAY ALEXANDER ROBERT
- US 3954316 A 19760504 - LUCHETTA JULIUS FRANK
- US 3866087 A 19750211 - POWELL WALTER F
- GB 1554138 A 19791017 - WESTINGHOUSE ELECTRIC CORP

Cited by

EP0491434A1; GB2196806A; WO9303589A1

Designated contracting state (EPC)

AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)

GB 2153606 A 19850821; **GB 8416134 D0 19840801**; EP 0150585 A1 19850807; JP S60163398 A 19850826; KR 850006294 A 19851002; ZA 85545 B 19850828

DOCDB simple family (application)

GB 8416134 A 19840625; EP 84308357 A 19841130; JP 1001785 A 19850124; KR 850000468 A 19850125; ZA 85545 A 19850123