

Title (en)
Supplying device for a luminescent tube.

Title (de)
Versorgungseinrichtung für eine selbststrahlende Lampe.

Title (fr)
Dispositif d'alimentation de tube luminescent.

Publication
EP 0340049 A1 19891102 (FR)

Application
EP 89400338 A 19890207

Priority
FR 8801798 A 19880216

Abstract (en)
Supply device for a luminescent tube comprising a chopping oscillator and means of regulating the current in the said tube. According to the invention, the primary winding (13a) of the transformer (13) supplying the luminescent tube (14) is supplied via a chopping oscillator (11) and regulating means (16) are inserted between a reference winding (13c) of the transformer (13) and a saturation winding (12d) of the transformer (12) of the oscillator (11) in such a way as to regulate the current in the luminescent tube (14) by varying the frequency of oscillation of the chopping oscillator (11). The same device may be suitable for luminescent tubes of differing lengths. <IMAGE>

IPC 1-7
H05B 41/29; **H05B 41/392**

IPC 8 full level
H05B 41/282 (2006.01); **H05B 41/285** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)
H05B 41/2827 (2013.01); **H05B 41/2855** (2013.01); **H05B 41/2858** (2013.01); **H05B 41/392** (2013.01); **H05B 41/3925** (2013.01)

Citation (search report)
• [XP] US 4727470 A 19880223 - NILSEN OLE K [US]
• [A] EP 0178852 A1 19860423 - THOMAS INDUSTRIES INC [US]
• [A] EP 0075176 A2 19830330 - HELVAR OY [FI]
• [A] GB 2119184 A 19831109 - HELVAR OY

Cited by
EP0417315A4; CN101960924A; EP0577975A1; USRE35994E; EP0948245A3; EP1073317A3; EP0580255A1; CN103098358A; EP0479352A1; US5172033A; US6169375B1; US7816872B2; WO2009108441A1; WO9107863A1; WO0024233A3; US7990070B2; US8212498B2; EP1707256B1

Designated contracting state (EPC)
BE DE IT NL

DOCDB simple family (publication)
FR 2627342 A1 19890818; **FR 2627342 B1 19900720**; EP 0340049 A1 19891102

DOCDB simple family (application)
FR 8801798 A 19880216; EP 89400338 A 19890207