

Title (en)  
Device for the regulation of electrical supply voltage to electric-discharge lamps

Title (de)  
Gerät zur Spannungsregelung einer Leistungsquelle für Entladungslampen

Title (fr)  
Appareil pour réguler la tension d'alimentation destinée à des lampes à décharge

Publication  
**EP 0687135 A2 19951213 (EN)**

Application  
**EP 95108420 A 19950601**

Priority  
IT MI941207 A 19940609

Abstract (en)  
Device for the regulation of electrical supply voltage to electric-discharge lamps, comprising: a) an autotransformer, endowed with: an input section connected to the mains supply an output section, b) a power circuit inserted between the transformer output and the electric-discharge lamps, c) a control circuit regulating the power circuit. The former basically consists of: i) a measurement circuit connected to the mains, ii) a threshold circuit connected after the measurement circuit, iii) a command circuit, connected after the threshold circuit, regulating the power circuit. <IMAGE>

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

IPC 8 full level  
**H05B 41/392** (2006.01); **H05B 41/40** (2006.01)

CPC (source: EP)  
**H05B 41/392** (2013.01); **H05B 41/3922** (2013.01); **H05B 41/40** (2013.01)

Cited by  
AU745937B2; EP1318702A1; ES2142272A1; EP0871348A1; US6011358A; FR2852188A1; EP0871347A1; US6043612A; WO03055283A1; WO0193645A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0687135 A2 19951213; EP 0687135 A3 19961113; EP 0687135 B1 19980429**; AT E165708 T1 19980515; DE 69502238 D1 19980604; DE 69502238 T2 19980813; DK 0687135 T3 19981007; ES 2116650 T3 19980716; IT 1275608 B1 19970806; IT MI941207 A0 19940609; IT MI941207 A1 19951209; SI 0687135 T1 19980831

DOCDB simple family (application)  
**EP 95108420 A 19950601**; AT 95108420 T 19950601; DE 69502238 T 19950601; DK 95108420 T 19950601; ES 95108420 T 19950601; IT MI941207 A 19940609; SI 9530079 T 19950601