

Title (en)  
Programmable system for stabilising and regulating voltage in particular for the improved management of lighting units using fluorescent bulbs and like

Title (de)  
Programmierbares System zur Stabilisierung und Regelung der Spannung insbesondere zur Verbesserung der Regelung von Lichtquellen wie Leuchtstofflampen und ähnlichen

Title (fr)  
Système programmable pour la stabilisation et régulation de la tension en particulier pour la commande améliorée de sources lumineuses utilisant des lampes fluorescentes et similaires

Publication  
**EP 1318702 A1 20030611 (EN)**

Application  
**EP 01830752 A 20011210**

Priority  
EP 01830752 A 20011210

Abstract (en)  
Programmable alternating voltage stabiliser/regulator system for feeding a load, in particular consisting of fluorescent bulbs, wherein the selective connection, even with powered load Äthrough electromagnetic selection relays (30,31) and by-pass relays (73) and with the intermediary of an inverter switch (32)Ü, of two from M+N taps of an autotransformer (19) or of the same tap, to the primary of a regulating transformer (29), with the secondary in series with the load, allows the feed voltage of the load to be corrected with an increase or decrease chosen between M(N+1) discreet and uniformly distributed values, lying between a zero minimum and a maximum. Circuits (50,56,57,59,60,62,63) are also foreseen for the direct detection, at the operative contacts, of the state of the relays and thus to subordinate the execution of tap selection switching procedures to the correct and verified development of the various steps. <IMAGE>

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**H05B 41/40**; **H01F 29/04**

IPC 8 full level  
**H01F 29/04** (2006.01); **H05B 41/40** (2006.01)

CPC (source: EP)  
**H01F 29/04** (2013.01); **H05B 41/40** (2013.01)

Citation (search report)  
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