

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 SPANNUNGSSTABILISIERUNG UND REGELUNG INSBESONDERE ZUR VERBESSERTEN VERWALTUNG VON BELEUCHTUNGSEINHEITEN MIT LEUCHTSTOFFLAMPEN UND ÄHNLICHEM

Title (fr)

SYSTEME PROGRAMMABLE POUR STABILISER ET REGULER LA TENSION, PERMETTANT EN PARTICULIER UNE MEILLEURE GESTION D'UNITES D'ECLAIRAGE COMPRENANT DES AMPOULES FLUORESCENTES ET ANALOGUE

Publication

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Application

EP 02792914 A 20021206

Priority

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- EP 0213818 W 20021206
- EP 01830752 A 20011210

Abstract (en)

[origin: EP1318702A1] Programmable alternating voltage stabiliser/regulator system for feeding a load, in particular consisting of fluorescent bulbs, wherein the selective connection, even with powered load through 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>

IPC 8 full level

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