

Title (en)
CONTROL AND/OR REGULATING MEANS, CIRCUIT ASSEMBLY, AND METHOD FOR REDUCING THE CURRENT MAXIMUM IN A LIGHT-EMITTING DIODE FIELD

Title (de)
STEUER- UND/ODER REGELUNGSMITTEL, SCHALTUNGSANORDNUNG UND VERFAHREN ZUR REDUZIERUNG DES STROMMAXIMUMS IN EINEM LEUCHTDIODENFELD

Title (fr)
MOYENS DE COMMANDE ET/OU DE RÉGULATION, CIRCUIT ET PROCÉDÉ POUR LA RÉDUCTION DU COURANT MAXIMUM DANS UN RÉSEAU DE DIODES ÉLECTROLUMINESCENTES

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Application
EP 20706214 A 20200218

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Abstract (en)
[origin: WO2020182428A1] The invention relates to a control and/or regulating means for controlling and/or regulating a light-emitting diode field with n LEDs, where $n > 2$, comprising outputs at which control and/or regulating signals can be tapped in order to control and/or regulate controllable switching elements, wherein switch-on times and/or switch-off times (I) of pulses can be defined by the control and/or regulating means using the control signals and/or regulating signals, one and/or more controllable switching elements (4) can be actuated during the ascertained pulse for an opening or closing process, a number of k groups can be defined, and each LED is assigned to one of the k groups such that each of the k groups j contains light-emitting diodes, where $1 \leq j \leq k$; and (II) a reference time $\alpha_j = \alpha_1 \dots \alpha_k$ can be determined for each group and the switch-on and the switch-off time (I) of the pulse for each LED of each group can be ascertained on the basis of the reference time $\alpha_j = \alpha_1 \dots \alpha_k$, where $1 \leq j \leq m$.

IPC 8 full level
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Citation (search report)
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