

Title (en)

CONTROL AND/OR REGULATING MEANS, CIRCUIT ASSEMBLY, AND METHOD FOR ACTUATING LIGHT-EMITTING DIODES IN A LIGHT-EMITTING DIODE FIELD

Title (de)

STEUER- UND/ODER REGELUNGSMITTEL, SCHALTUNGSANORDNUNG UND VERFAHREN ZUR ANSTEUERUNG VON LEUCHTDIODEN IN EINEM LEUCHTDIODENFELD

Title (fr)

MOYENS DE COMMANDE ET/OU DE RÉGULATION, CIRCUIT ET PROCÉDÉ POUR LA COMMANDE DE DIODES ÉLECTROLUMINESCENTES DANS UN RÉSEAU DE DIODES ÉLECTROLUMINESCENTES

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Application

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Abstract (en)

[origin: WO2020182427A1] The invention relates to a control and/or regulating means for controlling and/or regulating a light-emitting diode field with n light-emitting diodes, comprising outputs at which control and/or regulating signals can be tapped in order to control and/or regulate controllable switching elements. Switch-on times and/or switch-off times of pulses can be defined by the control and/or regulating means using the control signals and/or regulating signals, and one and/or more controllable switching elements can be actuated during the ascertained pulse for an opening or closing process. A number of k groups can be defined or is defined, and each LED is assigned to one of the k groups such that each of the k groups m_j contains light-emitting diodes, wherein $1 \leq j \leq k$, formula I is (FI), and the ascertained switch-on times and/or switch-off times of the pulses of each group are defined by the control and/or regulating means such that the pulses overlap as little as possible.

IPC 8 full level

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