

Title (en)

CIRCUIT ARRANGEMENT AND ACTUATION METHOD FOR SEMI-CONDUCTOR LIGHT SOURCES

Title (de)

SCHALTUNGSANORDNUNG UND ANSTEUERVERFAHREN FÜR HALBLEITERLICHTQUELLEN

Title (fr)

CIRCUIT ET PROCÉDÉ DE COMMANDE POUR DES SOURCES LUMINEUSES SEMI-CONDUCTRICES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008151664A1] The invention relates to a circuit arrangement and a actuation method for actuating semi-conductor light sources, comprising video electronics producing a timing signal (int Strobe) and an image value table, a driver circuit made of a digital (1) and an analog (3, 7) part, and a semi-conductor light source module (5), which may comprise one or more semi-conductor light sources, wherein between the driver circuit and the semi-conductor light source module a switch (S1, S2,...) is disposed, which is actuated by the driver circuit and which can switch the signal controlling the target brightness of the semi-conductor light source module to ground after the digital-to-analog converter (7) processing. The use of the switch enables the production of very short light pulses, the minimum pulse duration of which is independent of the delay time of the digital-to-analog converter.

IPC 8 full level

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