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MUEHLSCHLEGEL et al.(10) **Pub. No.: US 2023/0232514 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **REGULATING METHOD FOR CONTINUOUS
AND PULSED OUTPUT VARIABLES AND
ASSOCIATED CIRCUIT ARRANGEMENT****Publication Classification**(51) **Int. Cl.**
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CPC *H05B 45/37* (2020.01)(71) Applicant: **OSRAM GmbH**, Munich (DE)(72) Inventors: **Joachim MUEHLSCHLEGEL**,
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HECKMANN, Munich (DE)(57) **ABSTRACT**

A method for operating clocked and regulated electronic power converters may be contained in operating devices for light-emitting diodes. An associated regulating circuit may include at least one regulating amplifier having at least two regulating inputs, from the output of which a negative feedback network runs to one of its regulating inputs, a first input for the signal for a target value of the average of the output power to be regulated, and a second input which forwards a signal for the target value of a waveform or of a pulse pattern for the output power to be regulated to one of the regulating inputs via a DC current-blocking high-pass filter.

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