

Title (en)  
DIMMABLE LIGHTING SYSTEM

Title (de)  
DIMMBARES BELEUCHTUNGSSYSTEM

Title (fr)  
SYSTÈME D'ÉCLAIRAGE À GRADATION D'INTENSITÉ

Publication  
**EP 2486776 A2 20120815 (EN)**

Application  
**EP 10771060 A 20101007**

Priority  
• US 24948309 P 20091007  
• EP 2010065036 W 20101007

Abstract (en)  
[origin: WO2011042510A2] A lighting system for operation with a dimmer circuit (1) comprising a triac (TR1) connected to a load. The load comprises a driver circuit for supplying current to a light source comprising one or more LEDs (LED 1-4), the current being determined at least in part by an adjusted setpoint value. The system further comprises a setpoint filter circuit (20) for obtaining a dimmer setpoint value (21) determined at least in part by a setting of the dimmer circuit (1), and for generating an adjusted setpoint value (24). The sensitivity of the adjusted setpoint value to changes in the dimmer setpoint value is low at low values of the dimmer setpoint value.

IPC 8 full level  
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CPC (source: EP GB KR US)  
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Citation (search report)  
See references of WO 2011042510A2

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JP 2019091727 A 20190613; JP 5935063 B2 20160615; JP 6541606 B2 20190710; JP 6921138 B2 20210818; KR 20120082912 A 20120724;  
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