

Title (en)  
LED MODULE AND METHOD FOR OPERATING AT LEAST ONE LED

Title (de)  
LED-MODUL UND VERFAHREN ZUM BETREIBEN MINDESTENS EINER LED

Title (fr)  
MODULE DEL ET PROCÉDÉ POUR FAIRE FONCTIONNER AU MOINS UNE DEL

Publication  
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Application  
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Abstract (en)  
[origin: WO2008098613A1] The present invention relates to an LED module (10) for operating at least one LED (18) with an input (E1, E2) for coupling to a DC voltage source (U<SUB>E</SUB>); an output (A1, A2) for coupling to the at least one LED (18); a filter apparatus (14); and a DC-DC converter (16); wherein the filter apparatus (14) and the DC-DC converter (16) are coupled in series between the input (E1, E2) and the output (A1, A2), and wherein the output (DCA1, DCA2) of the DC-DC converter (16) is coupled to the output (A1, A2) of the LED module (10); wherein it furthermore comprises an electronic switch (Q1), which is designed to couple the DC-DC converter (16) to the input (E1, E2) of the LED module (10) and to decouple it therefrom. The invention moreover relates to a corresponding method for operating at least one LED using an LED module.

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