

Title (en)
DRIVER FOR AN LED LAMP

Title (de)
TREIBER FÜR EINE LED-LAMPE

Title (fr)
DISPOSITIF DE PILOTAGE POUR UNE LAMPE À DIODE ÉLECTROLUMINESCENTE (DEL)

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Application
EP 10717797 A 20100416

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Abstract (en)
[origin: WO2010122463A1] An illumination device (100), comprises: a current source (1) having output lines (5; 6); a main string (101) of LEDs (LED1,i) arranged in series between the current source output lines; at least one secondary string (102) of LEDs (LED2,i) arranged in series between the current source output lines; and a controllable current limiter (120) arranged in series with the LEDs (LED2,i) of the secondary string (102). In a preferred embodiment, the controllable current limiter comprises: - a transistor (T2) having its collector-emitter path in series with the LEDs (LED2,i) of the secondary string (102); a current sense resistor (R2x) arranged in series with said collector-emitter path; an opamp (121) having an output connected to the transistor's base, having its inverting input connected to said current sense resistor (R2x), and having its non-inverting input connected to a reference voltage level.

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