

Title (en)  
LED LIGHTING MODULE AND METHOD FOR PRODUCING SAME

Title (de)  
LED-LEUCHTENMODUL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
MODULE D'ÉCLAIRAGE À DEL ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3794276 B1 20220720 (DE)**

Application  
**EP 19728578 A 20190517**

Priority

- DE 102018004049 A 20180518
- EP 2019000157 W 20190517

Abstract (en)  
[origin: WO2019219240A1] An LED lighting module (5) comprising a two-part module housing (8) consisting of a light-alloy housing panel (10) and a transparent cover (60) made of a predominantly UV-impermeable, or a UV-impermeable PMMA material, or of a UV-stabilised PC material. The metal housing panel (10) and the cover (60) together delimit a hermetically sealed housing interior (9) in which a PCB (40) having multiple interspaced LEDs (44) is provided. Associated with each LED (44) is a light guide element (80) consisting of the cover material and being integrally formed on the inner face (63) lying adjacent to the PCB (40), of the cover (60). A hermetically sealed adhesive bond is formed between the light alloy housing part (10) and the cover (60), said bond being produced with the aid of a 2-component room temperature-curing acrylate adhesive. An atmosphere containing argon is produced in the housing interior (9).

IPC 8 full level  
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