

Title (en)
LED LIGHTING DEVICE

Title (de)
LED-BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ECLAIRAGE A LED

Publication
EP 2129963 B1 20111130 (FR)

Application
EP 08775672 A 20080304

Priority

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- FR 0753708 A 20070308

Abstract (en)
[origin: WO2008125772A1] The invention relates to a LED lighting device that comprises several LEDs (18) attached on at least one bearing platen (20) and arranged in lines and columns, a bearing block including a housing (36) in which at least one said bearing platen (20) is provided, a means (44) for dissipating the heat provided at the other face of the plate (48) of the bearing block (22), and means (24) for processing the light rays from the LEDs and including a concentration means ((56), a reflection means (74) for directing the light rays and refraction means (76), the concentration means (56) including a concentrator for each LED, said housing (36) being blocked by the refraction means (76), the reflection means (74) being separate from the refraction means (76), wherein the LED lighting device is characterised in that the reflection means (74) include V shape mirrors in which the tip of the V is oriented towards the LEDs, with a substantially continuous V-shaped mirror above each LED column.

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