

Title (en)
LED light module and lighting system

Title (de)
LED-Lichtmodul und Beleuchtungssystem

Title (fr)
Module à LED et système d'éclairage

Publication
EP 2857744 A1 20150408 (EN)

Application
EP 13187514 A 20131007

Priority
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Abstract (en)
The invention addresses a light module (6) comprising a carrier (2) which at least in parts consists of a heat conductive material; comprising a light emitting diode (4) which is mounted to a front side of the carrier (2) and designed for light emission into a main light exit direction (22); comprising a support structure (1) providing a carrier support (10) which support structure (1) consists of an at least partial transparent and/or translucent material and which support structure (1) is designed for light transmission; means for connecting the support structure (1) and the carrier (2); and an inner space (13) which is built between the carrier (2) and the support structure (1) with the at least one light emitting diode (4) being positioned inside the inner space (13), wherein a soft thermal interface is provided which covers at least one third of a back side of the carrier, preferred more than 50 % of the back side of the carrier and even more preferred the complete back side of the carrier.

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EP 12178841 A 20120801

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