

Title (en)
ELECTRICAL LIGHTING DEVICE

Title (de)
ELEKTRISCHE BELEUCHTVORRICHTUNG

Title (fr)
DISPOSITIF D' ECLAIRAGE ELECTRIQUE

Publication
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Application
EP 10771674 A 20100827

Priority
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• EP 2010062536 W 20100827

Abstract (en)
[origin: WO2011023790A1] The present invention relates to an electrical light fixture (1) that is mounted on a bracket (2), said fixture (1) comprising: a plurality of light-emitting diodes (LED); as well as a means (6) for dissipating the heat generated by said diodes; and at least one transparent or semi-transparent light diffuser (4), the plurality of diodes being mounted on an array that is placed in a recess portion of an interface module (5). According to the invention, the interface module (5) includes a resilient supporting means for attaching the array into the recess portion of the interface module (5), and in that said resilient supporting means further has a surface reflecting the light thereof such that the light from the diodes is essentially diffused through the aforementioned light diffuser (4). The interface module (5) includes at least one heat pipe connected to the aforementioned dissipation means (6), in which a coolant flows for at least partially discharging the heat from the plurality of light-emitting diodes.

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