

Title (en)
LIGHTING STRUCTURE COMPRISING AT LEAST ONE LIGHT-EMITTING DIODE, METHOD FOR MAKING SAME AND USES THEREOF

Title (de)
BELEUCHTUNGSSTRUKTUR MIT MINDESTENS EINER LEUCHTDIODE, HERSTELLUNGS- UND BENUTZUNGSVERFAHREN DAFÜR

Title (fr)
STRUCTURE LUMINEUSE COMPORTANT AU MOINS UNE DIODE ELECTROLUMINESCENTE, SA FABRICATION ET SES APPLICATIONS

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Application
EP 06820270 A 20061010

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Abstract (en)
[origin: WO2007045786A1] The invention concerns a light-emitting diode lighting structure (100), comprising a first dielectric element (1a) with a substantially flat main surface (12a) associated with a first electrode (2a); a second dielectric element (1b) with a substantially flat main surface (12b) associated with a second electrode (2b) which is opposite the first electrode and in a different plane; at least one first light-emitting diode, called first LED (4), comprising a semiconductor chip (4) including, on first and second opposite sides, first and second electrical contacts (41, 42); the first electrical contact being electrically connected to the first electrode, the second electrical contact being electrically connected to the second electrode, at least the first element transmitting at least partly a radiation included in the ultraviolet, called UV, or the visible light. The invention also concerns a method for making such a structure and its uses.

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