

Title (en)
Support plate for LED electrical circuit

Title (de)
Halteplatte für elektrischen LED-Schaltkreis

Title (fr)
Plaque support pour circuit électrique de LED

Publication
EP 2157369 A1 20100224 (FR)

Application
EP 09167902 A 20090814

Priority
FR 0804652 A 20080820

Abstract (en)
The plate (1) has a LED (4) mounted on a power supply circuit (3) connected to an electric wire (5). The LED and the circuit are mounted on a support plate (2) having a primary face (22) in which a groove (23) is formed. The groove defines a path of the circuit, and is designed for constituting housing for the circuit. The housing includes an orifice (25) for passage of light emitted by the LED through the support plate, where the groove is sealed with a resin and the circuit is formed from copper strip. A translucent plate (8) covers the support plate on lighting sides of the LED.

Abstract (fr)
La présente invention se rapporte à une plaque support (2) pour circuit d'au moins une diode (4) électroluminescente, caractérisée en ce qu'elle comporte au moins une face (22) dans laquelle a été réalisé au moins un sillon (23) définissant le chemin d'un circuit électrique (3) d'alimentation des diodes et conçu pour constituer un logement pour ledit circuit électrique, ainsi qu'à une plaque lumineuse (1) comportant une telle plaque support.

IPC 8 full level
F21V 19/00 (2006.01); **F21Y 101/02** (2006.01)

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F21V 19/003 (2013.01 - EP US); **F21V 31/005** (2013.01 - EP); **F21V 27/02** (2013.01 - EP); **F21Y 2103/37** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
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