

Title (en)

LIGHT DEVICE HAVING THERMOSET COMPOSITE HOUSING AND ELECTRICAL INTERCONNECT

Title (de)

LEUCHTENVORRICHTUNG MIT DUROPLASTISCHEM VERBUNDSTOFFGEHÄUSE UND ELEKTRISCHER VERBINDUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE COMPRENANT UN BOÎTIER EN COMPOSITE THERMODURCI ET UNE CONNEXION ÉLECTRIQUE

Publication

EP 2304310 A4 20121128 (EN)

Application

EP 08772036 A 20080626

Priority

US 2008068360 W 20080626

Abstract (en)

[origin: WO2009157936A1] A light device is provided that includes a light source and electrical circuitry for supplying electrical power to the light source. The light device also includes a housing having first and second ends and a hollow interior defining a compartment for holding a power source. The housing comprises a woven fiber thermoset composite. The housing is made by applying woven fibers to a mandrel and impregnating the woven fibers with an epoxy and curing the epoxy impregnated woven fibers to form the thermoset composite housing. An electrical interconnect is provided within the housing having first and second resilient contacts for providing an electrical connection between the power source and the light source.

IPC 8 full level

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Citation (search report)

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