

Title (en)
METHOD FOR ASSEMBLING A BLOCK OF RADIATION SOURCES AND LIGHT-EMITTING DIODE LIGHTING DEVICE COMPRISING SUCH A BLOCK

Title (de)
VERFAHREN ZUR MONTAGE EINES BLOCKS AUS STRAHLENQUELLEN UND LED-BELEUCHTUNGSVORRICHTUNG MIT EINEM DERARTIGEN BLOCK

Title (fr)
PROCÉDÉ D'ASSEMBLAGE D'UNE UNITÉ DE SOURCES DE RAYONNEMENT ET APPAREIL D'ÉCLAIRAGE À LED COMPRENANT CETTE UNITÉ

Publication
EP 2837875 A4 20150422 (DE)

Application
EP 12874074 A 20120413

Priority
RU 2012000284 W 20120413

Abstract (en)
[origin: WO2013154452A1] A method for assembling a block of radiation sources and a light-emitting diode lighting device comprising such a block relates to lighting engineering and can be used in the manufacture of lighting equipment for general, outdoor and indoor lighting. The technical result of the claimed solution consists in reducing the thermal deformation of an optical panel, increasing the technological effectiveness, ensuring hermetic sealing and improving heat exchange. The method differs in that an elastic electrically insulating layer provided with an adhesive coating is arranged between the optical panel and a printed circuit board with light-emitting diodes. The elastic electrically insulating layer has openings for receiving the light-emitting diodes, and flexible elements mounted between a radiator and the optical panel are used as means for clamping said printed circuit board to the radiator.

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Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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