

Title (en)

LED DEVICE WITH RE-EMITTING SEMICONDUCTOR CONSTRUCTION AND OPTICAL ELEMENT

Title (de)

LED-VORRICHTUNG MIT NEUEMITTIERENDER HALBLEITERKONSTRUKTION UND OPTISCHES ELEMENT

Title (fr)

DISPOSITIF A DIODES ELECTROLUMINESCENTES DOTE D'UNE CONSTRUCTION SEMI-CONDUCTRICE DE REEMISSION ET D'UN ELEMENT OPTIQUE

Publication

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Application

EP 07798367 A 20070611

Priority

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- US 80454106 P 20060612
- US 80482406 P 20060614

Abstract (en)

[origin: WO2007146860A1] A light source includes an LED component having an emitting surface, and an optical element having an input surface in optical contact with the emitting surface. The LED component may be or include an LED such as an LED die capable of emitting light at a first wavelength, in combination with a re-emitting semiconductor construction which includes a second potential well not located within a pn junction. The optical element can be an extractor whose shape is converging, diverging, or a combination thereof.

IPC 8 full level

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