

Title (en)

LIGHT EMITTING DIODE AND METHOD FOR PRODUCING A LIGHT EMITTING DIODE

Title (de)

LEUCHTDIODE UND VERFAHREN ZUR HERSTELLUNG EINER LEUCHTDIODE

Title (fr)

DIODE ÉLECTROLUMINESCENTE ET PROCÉDÉ DE FABRICATION D'UNE DIODE ÉLECTROLUMINESCENTE

Publication

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Application

EP 10710339 A 20100325

Priority

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Abstract (en)

[origin: WO2010124915A1] A light emitting diode is disclosed, comprising a semiconductor body (1), wherein the semiconductor body (1) comprises an active region (11) provided for producing radiation, a carrier body (2), which is fastened to the semiconductor body (1) on an upper side (1a) of the semiconductor body (1), wherein the carrier body (2) comprises a luminescence conversion material, a mirror layer (3), which is applied to the semiconductor body (1) on an underside (1b) of the semiconductor body (1) facing away from the upper side (1a), and two contact layers (4a, 4b), wherein a first (4a) contact layer is connected to an n-conducting region (13) of the semiconductor body (1), and a second contact layer (4b) is connected to a p-conducting region (12) of the semiconductor body (1) in an electrically conductive manner.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010124915A1

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