

Title (en)

CIRCUIT BOARD ELEMENT HAVING AT LEAST ONE LED

Title (de)

LEITERPLATTENELEMENT MIT WENIGSTENS EINER LED

Title (fr)

ÉLÉMENT CARTE DE CIRCUIT IMPRIMÉ DOTÉ D'AU MOINS UNE DEL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012129580A2] The invention relates to a circuit board element (1) comprising a substrate (2), on which at least one dielectric layer (7) is arranged, and at least one LED (light-emitting diode) (10), wherein at least one channel-shaped waveguide cavity (11) leading away from the LED (10) is provided in the dielectric layer (7), which waveguide cavity leads to at least one integrated light-sensitive component (12), preferably a photodiode or photocell, arranged for examining the light emission, wherein the LED (10) is preferably also arranged in a cavity (9) that is connected to the waveguide cavity (11). The invention further relates to a method for producing such a circuit board element (1).

IPC 8 full level

G02B 6/13 (2006.01)

CPC (source: EP KR US)

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