

Title (en)

OPTOELECTRONIC ELEMENT, AND OPTOELECTRONIC COMPONENT

Title (de)

OPTOELEKTRONISCHES BAUELEMENT SOWIE OPTOELEKTRONISCHES BAUTEIL

Title (fr)

ÉLÉMENT OPTOÉLECTRONIQUE ET COMPOSANT OPTOÉLECTRONIQUE

Publication

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Application

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Priority

- DE 102014117892 A 20141204
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Abstract (en)

[origin: WO2016087509A1] The invention relates to an optoelectronic element comprising a semiconductor chip (12) that emits a blue-green light (4) during operation and has at least one light passage surface (12a) through which the blue-green light (4) emitted during operation passes and comprising a conversion element (3) which comprises fluorescent particles (31), in particular fluorescent particles of only one type, and which is arranged on the light passage surface (12a) at least in some areas. The fluorescent particles (31) at least partly convert the blue-green light (4) into a red light (5), and the optoelectronic element emits a white mixed light (6) which contains non-converted components of the blue-green light (4) and components of the red light (5).

IPC 8 full level

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