

Title (en)
LUMINESCENCE CONVERSION ELEMENT, METHOD FOR THE MANUFACTURE THEREOF AND OPTO-ELECTRONIC COMPONENT HAVING A LUMINESCENCE CONVERSION ELEMENT

Title (de)
LUMINESZENZKONVERSIONSELEMENT, VERFAHREN ZU DESSEN HERSTELLUNG UND OPTOELEKTRONISCHES BAUTEIL MIT LUMINESZENZKONVERSIONSELEMENT

Title (fr)
ÉLÉMENT DE CONVERSION DE LA LUMINESCENCE, SON PROCÉDÉ DE FABRICATION ET COMPOSANT OPTOÉLECTRONIQUE CONTENANT L'ÉLÉMENT DE CONVERSION DE LUMINESCENCE

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Application
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Priority
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Abstract (en)
[origin: WO2012062758A1] A method for manufacturing a ceramic luminescence conversion element and also a luminescence conversion element manufactured using said method and an optoelectronic component having a luminescence conversion element are specified. The method comprises the following steps: A) a shaped body having a first main surface, a second main surface and a first lateral surface is provided, wherein the shaped body comprises a ceramic material and a luminescence conversion substance; B) the first main surface and/or the second main surface of the shaped body is/are machined using a patterning method, so that at least one first machined area and at least one unmachined area are formed, wherein the first machined area extends essentially parallel to the first lateral surface; C) singularization is performed to produce a plurality of luminescence conversion elements by means of cuts which are made in the machined main surface of the machined shaped body essentially at right angles to the first lateral surface.

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