Title (en)

METHOD FOR PRODUCING A LUMINESCENCE CONVERSION ELEMENT, PARTICULARLY AN OPTOELECTRONIC COMPONENT

Title (de)

VERFAHREN ZUM HERSTELLEN EINES LUMINESZENZKONVERSIONSELEMENTS, INSBESONDERE EINES OPTOELEKTRONISCHEN BAUTEILS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE CONVERSION DE LUMINESCENCE, NOTAMMENT D'UN COMPOSANT OPTOÉLECTRONIQUE

Publication

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Application

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Abstract (en)

[origin: WO2010045915A1] The invention relates to a method for producing a luminescence conversion element (4), especially for an optoelectronic component. According to said method, a raw material (1) containing fluorescent particles and a binder material is provided for subsequent treatment to form the ceramic material. A blank is formed by injecting the raw material (1) into a closed mould (3). The blank is detached from the mould (3). The binder material is removed from the blank. The blank is sintered to form a luminescence conversion element (4), the luminous particles interconnecting and/or connecting to other particles of the raw material to form the ceramic material. The invention also relates to a luminescence conversion element and to an optoelectronic component.

IPC 8 full level

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Citation (examination)

• WO 2008056300 A1 20080515 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
• WO 2008096301 A1 20080814 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
• WO 2006087660 A1 20060824 - PHILIPS INTELLECTUAL PROPERTY [DE], et al

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