

Title (en)

PROCESS FOR PRODUCTION OF PHOSPHORS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON LEUCHTSTOFFEN

Title (fr)

PROCÉDÉ DE PRÉPARATION DE SUBSTANCES LUMINESCENTES

Publication

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Application

EP 13729920 A 20130614

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Abstract (en)

[origin: WO2014008970A1] The present invention relates to a process for production of a europium-doped alkaline earth metal siliconitride or alkaline earth metal silicooxynitride having an increased emission efficiency. The present invention further relates to europium-doped alkaline earth metal siliconitrides and alkaline earth metal silicooxynitrides which are obtainable according to the production process according to the invention, and also to the use of the europium-doped alkaline earth metal siliconitrides and alkaline earth metal silicooxynitrides according to the invention as conversion phosphors. The present invention also further relates to a light-emitting device which contains a europium-doped alkaline earth metal siliconitride or alkaline earth metal silicooxynitride according to the invention.

IPC 8 full level

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