

Title (en)  
PHOSPHORS

Title (de)  
LEUCHTSTOFFE

Title (fr)  
SUBSTANCE LUMINESCENTE

Publication  
**EP 2999767 A1 20160330 (DE)**

Application  
**EP 14721768 A 20140430**

Priority  
• EP 13002693 A 20130523  
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Abstract (en)  
[origin: WO2014187530A1] The invention relates to silicate phosphors, a method for the production thereof, and a use thereof as conversion phosphors. The invention also relates to an emission-converting material comprising at least the conversion phosphor according to the invention, and to the use thereof in light sources, in particular pc-LEDs (phosphor converted light emitting devices). The invention further relates to light sources, in particular pc-LEDs, and lighting units, said light sources and lighting units comprising a primary light source and the emission-converting material according to the invention.

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**C09D 5/22** (2013.01 - EP US); **C09K 11/57** (2013.01 - EP US); **C09K 11/77342** (2021.01 - EP US); **H01L 33/502** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014187530A1

Citation (examination)  
KIM ET AL: "Luminescent and thermal properties of full-color emitting X3MgSi2O8:Eu<2+>, Mn<2+> (X=Ba, Sr, Ca) phosphors for white LED", JOURNAL OF LUMINESCENCE, ELSEVIER BV NORTH-HOLLAND, NL, vol. 122-123, 6 December 2006 (2006-12-06), pages 583 - 586, XP005768019, ISSN: 0022-2313, DOI: 10.1016/J.JLUMIN.2006.01.231

Cited by  
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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