

Abstract**Doped garnet phosphors having a red shift for pcLEDs**

5 The invention relates to phosphors having a garnet structure of the formula
I



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where

$$a + b + c + d + e + f + g + h + i = 1$$

$$x = 0.005 \text{ to } 0.1$$

and

$$y = 0 \text{ to } 4.0,$$

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and to a process for the preparation of these phosphors and to the use as
conversion phosphors for conversion of the blue or near-UV emission from
an LED.

No suitable figure