Title (en)

SYSTEM AND METHOD FOR A PHOSPHOR COATED LENS

Title (de)

SYSTEM UND VERFAHREN FÜR EINE PHOSPHORBESCHICHTETE LINSE

Title (fr)

SYSTÈME ET PROCÉDÉ ASSOCIÉS À UNE LENTILLE PHOSPHORÉE

Publication

EP 2467638 A1 20120627 (EN)

Application

EP 10810640 A 20100820

Priority

- US 64657009 A 20091223
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- US 23549109 P 20090820
- US 2010046108 W 20100820

Abstract (en)

[origin: WO2011022610A1] Embodiments disclosed herein provide optical systems utilizing photon conversion materials in conjunction with a light source and an LED. An LED can be positioned in a cavity defined by a base and one or more sidewalls. Phosphors can be disposed on the entrance face of a lens between the entrance face to the lens body and the LED so that light emitted from the LED will be incident on the phosphor and down converted before entering the lens body through the entrance face. The lens can positioned so that the phosphors are separated from the LED by a gap.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2011022610A1

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