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(71) Applicant *(for MC only)*: **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant *(for all designated States except US)*: **PHILIPS LUMILEDS LIGHTING COMPANY, LLC** [US/US]; 370 West Trimble Road, San José, California 95131 (US).

(72) Inventors: **BIERHUIZEN, Serge, J., A.**; c/o 370 West Trimble Road, San José, California 95131 (US). **DE GROOT, Edwin**; c/o 370 West Trimble Road, San José, California 95131 (US). **HARBERS, Gerard**; c/o 370 West Trimble Road, San José, California 95131 (US).

(74) Agents: **ROLFES, Johannes, G., A.** et al.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

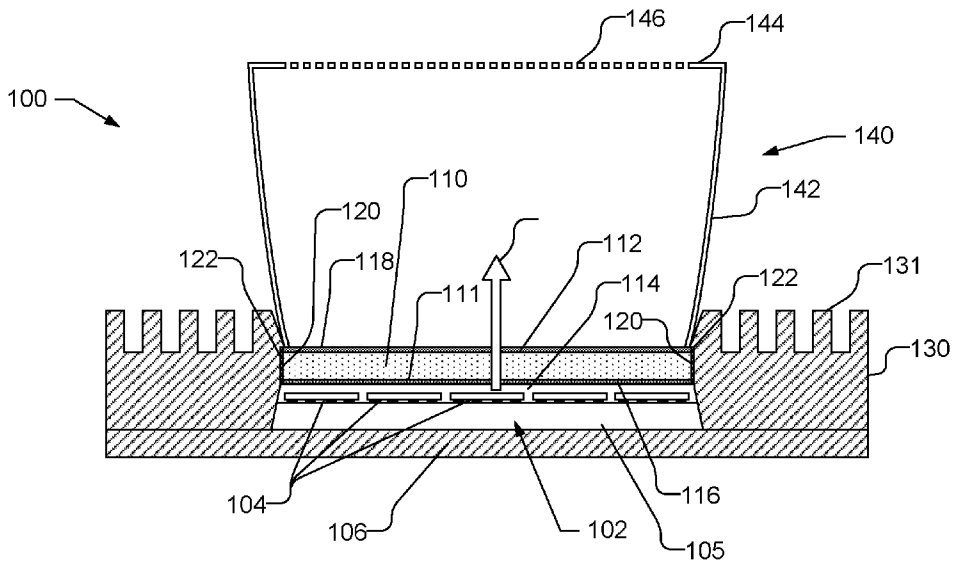
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(54) Title: ILLUMINATION DEVICE WITH WAVELENGTH CONVERTING ELEMENT SIDE HOLDING HEAT SINK



(57) Abstract: An illumination device (100) includes a light source (104), such as one or more light emitting diodes in an array, that produces light having a first wavelength range. A separated wavelength converting element (110) is mounted to receive the light emitted by the light source (104). The wavelength converting element (110) is physically separated from the light source (104) along the beam path. The wavelength converting element (110) converts the light having a first wavelength range into light having a second wavelength range. In one embodiment, a color separation element (112) is directly coupled to the wavelength converting element. The color separation element (112) is also physically separated from the light source (104). In another embodiment, the wavelength converting element (110) is held by a heat sink (130) by the sides.

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ADD. F21Y101/02 H01L33/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Chao, Oscar

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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