

Title (en)

METHOD AND SYSTEM FOR MANAGING LIGHT FROM A LIGHT EMITTING DIODE

Title (de)

VERFAHREN UND SYSTEM ZUR VERWALTUNG DER LICHTEMISSION EINER LICHEMITTIERENDEN DIODE

Title (fr)

PROCÉDÉ ET SYSTÈME DE GESTION DE LA LUMIÈRE PROVENANT D'UNE DIODE ÉLECTROLUMINESCENTE

Publication

EP 2920510 A4 20160810 (EN)

Application

EP 13855404 A 20131111

Priority

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- US 201313828670 A 20130314
- US 2013069491 W 20131111

Abstract (en)

[origin: WO2014078240A1] A light source, for example a light emitting diode, can emit light and have an associated optical axis. The source can be deployed in applications where it is desirable to have illumination biased laterally relative to the optical axis, such as in a street luminaire where directing light towards a street is beneficial. The source can be coupled to an optic that comprises a cavity. At least a portion of the cavity can have an outline that is egg-shaped in cross section. A backside of the cavity (or a backside portion of the optic) can have an irregular shape for receiving the light emitting diode, for example to form a receptacle shaped to fit a circuit board on which the light emitting diode is mounted.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

- [E] WO 2014068497 A1 20140508 - KONINKL PHILIPS NV [NL]
- [XY] US 2010027271 A1 20100204 - WILCOX KURT S [US], et al
- [Y] DE 102010001860 A1 20110811 - EWO SRL GMBH [IT]
- [YD] WO 2012118828 A2 20120907 - COOPER TECHNOLOGIES CO [US], et al
- See references of WO 2014078240A1

Designated contracting state (EPC)

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