

Title (en)

LIGHT UNIT WITH LIGHT OUTPUT PATTERN SYNTHESIZED FROM MULTIPLE LIGHT SOURCES AND MODULAR REFRACTORS

Title (de)

LEUCHTEINHEIT MIT AUS MEHREREN LICHTQUELLEN UND MODULAREN REFRAKTOREN ZUSAMMENGESTELLTEM LICHTLEISTUNGSMUSTER

Title (fr)

UNITÉ D'ÉCLAIRAGE À MOTIF DE PUISSANCE LUMINEUSE SYNTHÉTISÉ À PARTIR DE MULTIPLES SOURCES LUMINEUSES ET DE RÉFRACTEURS MODULAIRES

Publication

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Application

**EP 13817225 A 20130709**

Priority

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Abstract (en)

[origin: WO2014011665A1] The present disclosure provides an LED based light unit that produces an output lighting pattern that meets desired lighting characteristics using a reduced number of LED elements. The present disclosure provides a number of point sources that are directed into a desired direction such that, when combined with other point sources, a synthesized light output is provided that minimizes the LED headcount.. Modular refractors are provided having optic components that may be coupled with lighting modules. The modular refractors may provide environmental protection to lighting components housed within the refractor, and a separate external protective lens may not be required. One or more lenses of one or more of the modular refractors may include materials of at least two different refractive indices that are co-molded together.

IPC 8 full level

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