

Title (en)  
A LED STRUCTURE AND LUMINAIRE FOR CONTINUOUS DISINFECTION

Title (de)  
LED-STRUKTUR UND LEUCHTE ZUR KONTINUIERLICHEN DESINFEKTION

Title (fr)  
STRUCTURE DE DEL ET LUMINAIRE POUR DÉSINFECTION CONTINUE

Publication  
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Application  
**EP 18706777 A 20180115**

Priority  
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Abstract (en)  
[origin: WO2018130750A1] A LED structure, a lighting fixture and a method of providing white light illumination. The LED structure comprises a substrate;a light emitting area defined on the substrate as a cavity;a first type of light emitting semiconductor source with bactericidal characteristics mounted in the cavity; a second type of light emitting semiconductor source mounted in the cavity with ability to excite the wavelength conversion material to generate white light; and a wavelength conversion material layer formed on top of the light emitting semiconductor sources. The invention enables disinfection by a lighting source or a luminaire visibly apparent to human as a white light source that is neither harmful to a human nor creates discomfort.

IPC 8 full level  
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