

Title (en)  
Surgical lamp and method of illumination of an operating theatre

Title (de)  
Operationsleuchte

Title (fr)  
Lampe chirurgicale et procédé d'illumination d'un champ opératoire

Publication  
**EP 1568938 B1 20060927 (DE)**

Application  
**EP 04018642 A 20040806**

Priority  
• EP 04018642 A 20040806  
• EP 04004602 A 20040228

Abstract (en)  
[origin: EP1568938A1] The lighting system is composed of a number of modules [6a] having a hexagonal shape that are combined to form a dish shape. Each module has a large number of light emitting diodes, LEDE, arranged as groups of red, green and blue elements [10] and each have a lens [11]. The LED elements are coupled to a regulator [15] that varies the colour temperature and level during dimming to maintain a uniform output.

IPC 8 full level  
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CPC (source: EP US)  
**H05B 45/20** (2020.01 - EP US); **F21V 21/403** (2013.01 - EP US); **F21W 2131/205** (2013.01 - EP US); **F21Y 2113/13** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
DE102006040393B4; EP2215987A1; EP2169965A1; DE102007048115A1; DE102008039791A1; DE102008039791B4; RU188259U1; CH701854A1; EA034252B1; US8430815B2; WO2009043326A1; US8454197B2; US8134309B2; EP2065634A1; FR2924199A1

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