

Title (en)  
OPERATING LIGHTING DEVICE

Title (de)  
OPERATIONSBELEUCHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE OPÉRATOIRE

Publication  
**EP 3983720 B1 20230809 (FR)**

Application  
**EP 21763070 A 20210818**

Priority  
• FR 2008642 A 20200824  
• EP 2021072927 W 20210818

Abstract (en)  
[origin: WO2022043155A1] The present disclosure relates to a surgical lighting device for generating a light spot on a surgical site for use in combination with a fluorescence imaging device. The lighting device (1) comprises a support structure (2), an underside (7) that can be coupled to the support structure (2) to seal the lower face of the device while allowing light to pass through and a plurality of light sources (10) emitting white light and arranged between the support structure (2) and the underside (7). The device further comprises a plurality of NIR (near infrared) filters (18), each NIR filter being associated with a light source (10) and being configured to substantially prevent the transmission of wavelengths in a wavelength band ranging from 680 nm to 900 nm while minimising the change in the colour temperature of the light spot.

IPC 8 full level  
**F21V 9/04** (2018.01); **F21V 14/08** (2006.01); **F21V 21/30** (2006.01); **F21W 131/205** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)  
**F21V 9/04** (2013.01 - EP US); **F21V 14/08** (2013.01 - EP US); **F21V 21/30** (2013.01 - EP); **F21W 2131/205** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 202021104434 U1 20211118**; CN 115135928 A 20220930; EP 3983720 A1 20220420; EP 3983720 B1 20230809; FR 3113515 A1 20220225; FR 3122483 A3 20221104; FR 3122483 B3 20230929; JP 2023540830 A 20230927; US 11835203 B2 20231205; US 2022412538 A1 20221229; WO 2022043155 A1 20220303

DOCDB simple family (application)  
**DE 202021104434 U 20210819**; CN 202180014898 A 20210818; EP 2021072927 W 20210818; EP 21763070 A 20210818; FR 2008642 A 20200824; FR 2108742 A 20210817; JP 2022545401 A 20210818; US 202217929516 A 20220902