

Title (en)  
LIGHTING DEVICE FOR MICROSCOPE

Title (de)  
BELEUCHTUNGSVORRICHTUNG FÜR EIN MIKROSKOP

Title (fr)  
DISPOSITIF D'ECLAIRAGE POUR MICROSCOPE

Publication  
**EP 3769137 A1 20210127 (FR)**

Application  
**EP 19711861 A 20190313**

Priority  
• FR 1852353 A 20180320  
• EP 2019056236 W 20190313

Abstract (en)  
[origin: WO2019179841A1] The present invention relates to a lighting device (1, 100) for an imaging system having an imaging lens (2), comprising: a sleeve (10) configured to be positioned around said imaging lens (2); at least one optical fibre (14) rigidly connected to said sleeve (10) and arranged to guide light coming from at least one light source; and a directing means (17, 17') configured to orient a light beam emitted by the at least one optical fibre (14) so as to light a field of view of the imaging system along a lighting axis forming an angle relative to the optical axis of the lens (2) that is larger than the numerical aperture of the imaging system. The invention also relates to an imaging system using this device.

IPC 8 full level  
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CPC (source: EP US)  
**G02B 21/084** (2013.01 - EP US); **G02B 21/10** (2013.01 - EP); **G02B 21/125** (2013.01 - US); **G02B 21/367** (2013.01 - US)

Citation (search report)  
See references of WO 2019179841A1

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