

Title (en)  
LIGHT EMISSION MEASURING DEVICE AND METHOD FOR MEASURING LIGHT EMISSION

Title (de)  
LICHTEMISSIONSMESSGERÄT UND VERFAHREN ZUR MESSUNG VON LICHTEMISSION

Title (fr)  
APPAREIL DE MESURE D'ÉMISSION DE LUMIÈRE ET PROCÉDÉ POUR LA MESURE D'UNE D'ÉMISSION DE LUMIÈRE

Publication  
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Application  
**EP 15720693 A 20150430**

Priority  
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Abstract (en)  
[origin: WO2016173662A1] An emission measuring device comprising a sample region, an illumination unit for irradiating a sample which is positionable in the sample region and a detection unit for detecting the radiation emitted by the sample by means of a radiation detector is disclosed. The illumination unit comprises a radiation source, a first dispersive element, disposed downstream of the radiation source in the beam direction, for decomposing the radiation into the spectral components thereof, a first micromirror field, disposed downstream of the first dispersive element in the beam direction, for selecting spectral components and a second dispersive element, disposed downstream of the first micromirror field in the beam direction, for unifying the selected spectral components in a common excitation beam. Furthermore, a method for measuring light emission using such an emission measuring device is disclosed, in which the spectral composition of the excitation light beam is selected by activating and/or deactivating the individual micromirrors of the first micromirror field.

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See references of WO 2016173662A1

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