

Title (en)  
NON-INVASIVE FLUORESCENCE-BASED EYE LENS DIAGNOSTICS

Title (de)  
NICHTINVASIVE FLUORESZENZBASIERTE AUGENLINSENDIAGNOSTIKA

Title (fr)  
DIAGNOSTIC DU CRISTALLIN OCULAIRE À BASE DE FLUORESCENCE NON INVASIF

Publication  
**EP 3090250 A1 20161109 (EN)**

Application  
**EP 14821265 A 20141230**

Priority  
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Abstract (en)  
[origin: WO2015101785A1] A method for detecting changes in a human or animal eye comprising: illuminating the eye lens or at least a part thereof using a wavelength suitable for excitation of tryptophan and at least one of its photo- products and/or at least one other fluorescent post-translational modification (PTM); detecting features in the fluorescence associated with an emission stimulated by excitation of the tryptophan and at least one of its photo-products and/or the other fluorescent PTM, and using the detected features to detect modifications and/or structural defects in the lens. A corresponding system for detecting changes in a human or non-human eye is also disclosed.

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See references of WO 2015101785A1

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