

Title (en)

RETINAL FUNDUS SURVEILLANCE METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUGENHINTERGRUNDÜBERWACHUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE SURVEILLANCE DE FOND RÉTINIEN

Publication

EP 3019070 A1 20160518 (EN)

Application

EP 14822887 A 20140711

Priority

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Abstract (en)

[origin: WO2015003274A1] A method and apparatus for quantitative imaging of the retinal fundus. The method for retinal health assessment comprises imaging the retinal fundus of a patient's eye at different wavelengths within a spectral range and determining spectral reflectivity of the retina for each pixel within a field of view (FOV). The retinal health is assessed based on the spectral reflectivity of the retina. The metabolic and anatomical activity of the eye is monitored to detect, at the earliest stage, activity that could lead to the onset of blinding eye diseases such as macular degeneration, diabetic retinopathy, glaucoma, cataracts, etc.

IPC 8 full level

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