

Title (en)

METHOD AND SYSTEM FOR EYE MEASUREMENTS AND CATARACT SURGERY PLANNING USING VECTOR FUNCTION DERIVED FROM PRIOR SURGERIES

Title (de)

VERFAHREN UND SYSTEM ZUR AUGENMESSUNG UND PLANUNG VON KATARAKTOOPERATIONEN MIT AUS VORHERGEHENDEN CHIRURGISCHEN EINGRIFFEN ABGELEITETEN VEKTORFUNKTIONEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE MESURES OCULAIRES ET PLANIFICATION D'UNE CHIRURGIE DE LA CATARACTE EN UTILISANT LA FONCTION VECTORIELLE DÉRIVÉE DE CHIRURGIES ANTÉRIEURES

Publication

EP 3380051 A1 20181003 (EN)

Application

EP 15805699 A 20151123

Priority

US 2015062225 W 20151123

Abstract (en)

[origin: WO2017091200A1] Improved devices, systems, and methods for planning cataract surgery on an eye of a patient incorporate results of prior corrective surgeries into a planned cataract surgery of a particular patient by driving an effective surgery vector function based on data from the prior corrective surgeries. The exemplary effective surgery vector employs an influence matrix which may allow improved refractive corrections to be generated so as to increase the overall efficacy of a cataract surgery by specifying one or more parameters of an intraocular lens (IOL) to be implanted during the cataract surgery.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017091200A1

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Designated extension state (EPC)

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