Title (en)

DEVICE AND METHOD FOR CREATING AN APERTURE IN AN INTRAOCULAR LENS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINER APERTURBLENDE IN EINER INTRAOKULARLINSE

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR RÉALISER UNE OUVERTURE DANS UNE LENTILLE INTRAOCULAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020025616A1] The present invention relates to the field of devices for the correction or reduction of refractive errors in the eye. To present a solution in which desired improvements in eyesight are achieved as far as possible without limiting everyday activities and which also entails minimum risk in the execution of the treatment itself, the invention proposes a device for creating an aperture in an eye, said device having a control unit for a laser unit, the control unit being designed to control the laser unit to create the aperture in a lens of the eye. The aperture is used to increase the depth of field of the eye and is formed by laser-induced lesions, which reduce light transmission through a lens aperture region surrounding an aperture opening.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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