

Title (en)  
METHOD AND APPARATUS FOR CONTROLLING SUB-CLINICAL LASER PROCEDURES WITH INTRA-OPERATIVE MONITORING OF ELECTROPHYSIOLOGICAL CHANGES

Title (de)  
VERFAHREN UND GERÄT ZUR KONTROLLE VON SUBKLINISCHEN LASERVERFAHREN MIT INTRAOPERATIVER ÜBERWACHUNG ELEKTROPHYSIOLOGISCHER VERÄNDERUNGEN

Title (fr)  
PROCEDE ET APPAREIL DE GESTION DE PROCEDURES DE LASER SUBCLINIQUE AVEC SUIVI INTRA-OPERATOIRE DE CHANGEMENTS ELECTROPHYSIOLOGIQUES

Publication  
**EP 1496810 A4 20060419 (EN)**

Application  
**EP 03723833 A 20030325**

Priority  
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Abstract (en)  
[origin: WO03086322A2] A method of monitoring and controlling the sub-threshold laser treatment of a patient's retina. Sensors are located on a patient to measure focal electroretinograms (FERG). A stimulating beam is delivered onto the patient's retina. A pre-treatment FERG signal is collected. Treatment FERG signals are collected while treating the retina with a sub-threshold laser treatment. A difference is determined between the pre-treatment and treatment FERG signals. The difference is used to control the termination of the treatment.

IPC 8 full level  
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IPC 8 main group level  
**A61K** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [A] US 5233373 A 19930803 - PETERS DANIEL R [US], et al  
• [A] US 2002036750 A1 20020328 - EBERL HEINRICH A [DE], et al  
• [A] WO 0126591 A1 20010419 - IRIDEX CORP [US], et al  
• [A] US 5506633 A 19960409 - SPERLING HARRY G [US]  
• [A] WO 0180792 A2 20011101 - IRIDEX CORP [US], et al  
• See references of WO 03086322A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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