

Title (en)

APPARATUS FOR CONTROLLING SUB-CLINICAL LASER PROCEDURES WITH INTRA-OPERATIVE MONITORING OF ELECTROPHYSIOLOGICAL CHANGES

Title (de)

GERÄT ZUR KONTROLLE VON SUBKLINISCHEN LASERVERFAHREN MIT INTRAOPERATIVER ÜBERWACHUNG ELEKTROPHYSIOLOGISCHER VERÄNDERUNGEN

Title (fr)

APPAREIL DE GESTION DE PROCEDURES DE LASER SUBCLINIQUE AVEC SUIVI INTRA-OPERATOIRE DE CHANGEMENTS ELECTROPHYSIOLOGIQUES

Publication

EP 1496810 A2 20050119 (EN)

Application

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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.

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IPC 8 full level

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