Title (en)

LENS ARRANGEMENT FOR VITREORETINAL SURGERY

Title (de)

LINSENANORDNUNG ZUR VITRORETINALEN CHIRURGIE

Title (fr)

DISPOSITIF DE LENTILLES POUR CHIRURGIE VITREO-RETINIENNE

Publication

EP 1024737 A4 20040303 (EN)

Application

EP 98956139 A 19981022

Priority

- US 9822317 W 19981022
- US 95552597 A 19971022

Abstract (en)

[origin: WO9920171A1] A lens arrangement for use in vitreous retinal surgery includes a contact lens element (18) including a posterior surface (12) having a shape adapted to fit an average cornea for placement on a patient's eye, and an anterior surface (24). The contact lens element transmits light emanating from the patient's eye for viewing a structure of the patient's eye. A flange (30) surrounds, holds a peripheral region of the contact lens element, and extends radially onto the scleral region of the patient's eye. The flange has a posterior surface with a shape adapted to fit an average scleral curvature so that the flange rests on the sclera for stabilizing a position of the contact lens on the patient's cornea. The flange includes at least one opening (50) allowing access to an incision through which a surgical tool or instrument may be inserted into the eye.

IPC 1-7

A61B 3/00

IPC 8 full level

A61B 3/12 (2006.01); **A61F 9/007** (2006.01); A61B 3/125 (2006.01)

CPC (source: EP)

A61B 3/125 (2013.01); **A61F 9/007** (2013.01)

Citation (search report)

- [XA] CH 645263 A5 19840928 - OERTLI HEINZ A
- [X] M.B. SHIELDS ET AL.: "a contact lens for transscleral Nd:Yag cyclophotocoagulation", AMERICAN JOURNAL OF OPHTHALMOLOGY, vol. 108, no. 4, October 1989 (1989-10-01), pages 457, XP002263991
- See references of WO 9920171A1

Designated contracting state (EPC)

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