

Title (en)
FOCUSSABLE INTRAOCULAR LENS.

Title (de)
INTRAOKULARE LINSE MIT REGELBAREM BRENNPUNKT.

Title (fr)
LENTILLE INTRA-OCULAIRE A FOCAL VARIABLE.

Publication
EP 0150174 A1 19850807 (EN)

Application
EP 83902039 A 19830513

Priority
US 8300733 W 19830513

Abstract (en)
[origin: WO8404449A1] An intraocular lens that provides accommodation in response to contraction and relaxation of the ciliary body (14). Accommodation is achieved by motion of the lens (10), or of an element (30, 32) of a lens system, alternately toward and away from the fovea. Means (16, 18) are provided for biasing the lens (10), or the movable element (32), toward the fovea so that when the ciliary body (14) contracts it counters the bias and causes the lens (10) to move away from the fovea toward the cornea.

Abstract (fr)
Lentille intra-oculaire capable d'accommodation en réponse à la contraction et à la relaxation du corps ciliaire (14). L'accommodation est obtenue grâce au mouvement de la lentille (10), ou d'un élément (30, 32) d'un système de lentille, qui s'écarte et se rapproche alternativement de la fovéa. Des organes (16, 18) permettent de solliciter la lentille (10), ou l'élément mobile (32), vers la fovéa de sorte que lorsque le corps ciliaire (14) se contracte il s'oppose à la sollicitation et provoque l'écartement de la lentille (10) de la fovéa vers la cornée.

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