

Title (en)

SMALL INCISION LENS AND METHOD OF USE THEREOF

Title (de)

KLEINE INZISIONSLINSE UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)

LENTILLE A INCISION REDUITE ET UTILISATION DE CELLE-CI

Publication

EP 1416889 A4 20090701 (EN)

Application

EP 02750053 A 20020716

Priority

- US 0222448 W 20020716
- US 30581101 P 20010717
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- US 38500602 P 20020531

Abstract (en)

[origin: WO03007849A1] The invention represents a deformable artificial intraocular lens for implantation into the human eye. The lens (10) is used for implantation after cataract surgery. The lens optic consists of one smooth optical surface. The second optical surface is a series of annular concentric rings (14). The rings allow the lens to have extremely thin edges, which reduce glare, halos, and distortion. The extremely thin lens optic along with the thin haptic can be rolled, folded, or squeezed to pass through a small incision in the cornea or sclera of the human eye.

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A61F 2/16

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 6152958 A 20001128 - NORDAN LEE T [US]
- [X] US 6096077 A 20000801 - CALLAHAN WAYNE B [US], et al
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- [A] US 4995714 A 19910226 - COHEN ALLEN L [US]
- See references of WO 03007849A1

Designated contracting state (EPC)

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