Abstract: An ocular lens (32) has a refractive optics structure formed from a polysisobutylene-based material and a glassy segment that is non-reactive to ocular fluid and that maintains in vivo transparency for a substantial time period. The material has a central elastomeric polyolefinic block and thermoplastic end blocks (such as a triblock polymer backbone comprising polysyrene-polysisobutylene-polysyrene). The material is preferably flexible such that the refractive optics structure can be folded upon itself and introduced through a small scleral incision. The lens device includes an optic portion and preferably either an annular haptic element or one or more haptic elements adapted to rest within a capsular bag formed by a surgical procedure. A portion of the lens device may be loaded with at least one therapeutic agent that interferes with proliferation of the epithelial cells of the eye to protect against PCO.
Published:
— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
25 August 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
# INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC(7)</th>
<th>US CL</th>
</tr>
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<tr>
<td>A61F 2/16</td>
<td>623/6.56, 6.58</td>
</tr>
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</table>

According to International Patent Classification (IPC) or to both national classification and IPC.

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S.: 623/6.56, 6.58

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 4,904,421 (Ando et al.) 27 February 1990 (27.02.1990), Abstract, column 3, lines 67-68, column 4, lines 1-68, column 5 and lines 1-46.</td>
<td>1-42</td>
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<tr>
<td>A</td>
<td>US 6,102,959 A (Pinchuk) 15 August 2000 (15.08.2000), Abstract, column 1, lines 9-67, column 2 and lines 1-43.</td>
<td>1-42</td>
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</tbody>
</table>

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**Date of actual completion of the international search**

31 May 2005 (31.05.2005)

**Date of mailing of the international search report**

20 JUN 2005

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