Abstract:

A device for delivering an antifibrotic agent to inhibit inflammatory cell proliferation, thereby preventing the growth of fibrous tissue after eye surgery.

Title: DEVICE FOR DELIVERY OF ANTIFIBROTIC AGENTS & METHOD
# INTERNATIONAL SEARCH REPORT

**International application No.**

PGT/US 07/12253

**A. CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC(8)</th>
<th>Subject Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td>A61K 31/00; A61N 1/30</td>
<td>(2007.10)</td>
</tr>
</tbody>
</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)

- USPC: 514/912, 604/93.01, 604/19

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)

PUBWEST (PGPB, USPT, EPAB, IPAB), Google Scholar, Google Patents

**Keywords:** Lens, eye, ocular, ophthalmologic, antifibrotic, implant, tgf, interleukin, cytokine, cyclosporin, fk, dexamethasone, drug, pharmaceutical, agent, coat, Impregnate, carry, release, phema, p-hema, polyhydroxyethylmethacrylate, polydoployxyethylmethacrylate

**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 2005/0283108 A1 (SAVAGE) 22 December 2005 (22.12.2005) para [0018], [0020], [0025]-[0027], [0043], [0044], [0056]-[0059], [0066], [0067], [0138]</td>
<td>1, 9-10, 21, 24-27, 30</td>
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<td>Y</td>
<td>US 2005/0281883 A1 (DANILOFF et al.) 22 December 2005 (22.12.2005) para [0089], [0091], [0092J], [0136] [0278], [0229], [0289], [0295], [0296]</td>
<td>2-8, 11-20, 22-23, 28-29</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

- "A" Special categories of cited documents:
  - "A" document defining the general state of the art which is not considered to be of particular relevance
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  - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  - "O" document referring to an oral disclosure, use, exhibition or other means
  - "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

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

18 October 2007 (18.10.2007)

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

2 NOV 2007

**Name and mailing address of the ISA/US**

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