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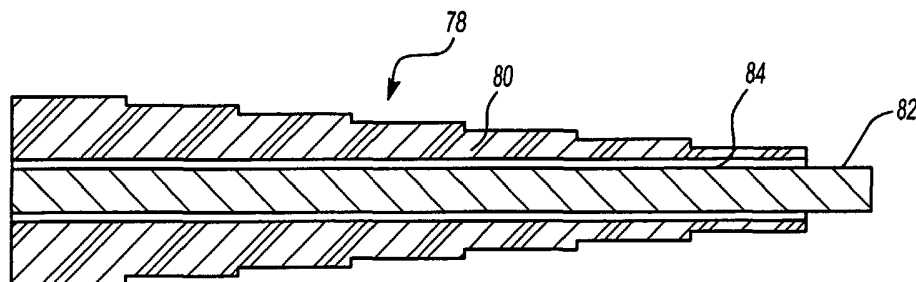
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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
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- Published:  
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- (88) Date of publication of the international search report:  
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- 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.

(54) Title: SUSTAINED RELEASE OPHTHALMOLOGICAL DEVICE AND METHOD OF MAKING AND USING THE SAME



(57) Abstract: An ophthalmological implant and method of making and using the same. One preferred implant (78) is prepared to include an implant member (82). A region (84) includes a pharmaceutical agent and an overlying barrier layer (80) of a bioerodible material, a biodegradable material a bioavailable material or a mixture thereof.

WO 2003/061625 A3

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/01388

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61F2/16 A61F2/14

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)  
IPC 7 A61F

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 practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 544 948 A (UNIV MIAMI) 9 June 1993 (1993-06-09) column 3, line 56 - column 6, line 30 -----	1-18
X	US 5 843 186 A (CHRIST F RICHARD) 1 December 1998 (1998-12-01) column 4, line 60 - column 11, line 25 -----	1-3,10
X	US 5 554 187 A (RIZZO III JOSEPH) 10 September 1996 (1996-09-10) column 2, line 62 - column 3, line 53 -----	1-7,9, 13,17
X	US 5 980 928 A (TERRY PAUL B) 9 November 1999 (1999-11-09) column 3, line 22 - column 4, line 61 -----	1
A	US 5 743 274 A (PEYMAN GHOLAM A) 28 April 1998 (1998-04-28) column 5, line 58 - line 67 -----	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "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

20 June 2003

Date of mailing of the international search report

10 11 2003

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/01388

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0544948	A	09-06-1993	EP 0544948 A1 09-06-1993
			RU 2099031 C1 20-12-1997
			US 5098443 A 24-03-1992
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US 5843186	A	01-12-1998	WO 9827896 A1 02-07-1998
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US 5554187	A	10-09-1996	AU 6847796 A 12-03-1997
			WO 9706838 A1 27-02-1997
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US 5980928	A	09-11-1999	NONE
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US 5743274	A	28-04-1998	US 6059828 A 09-05-2000
			US 5824073 A 20-10-1998
			US 6126687 A 03-10-2000
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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 03/01388

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-18

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18

A method for providing a sustained release of a dose of a pharmaceutical implant providing an ophthalmological implant.

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2. claims: 19-20

A method for providing a medicated member (ear tag post or suture or stent or orthopedic implant or breathing tube or syringe or needle..)

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