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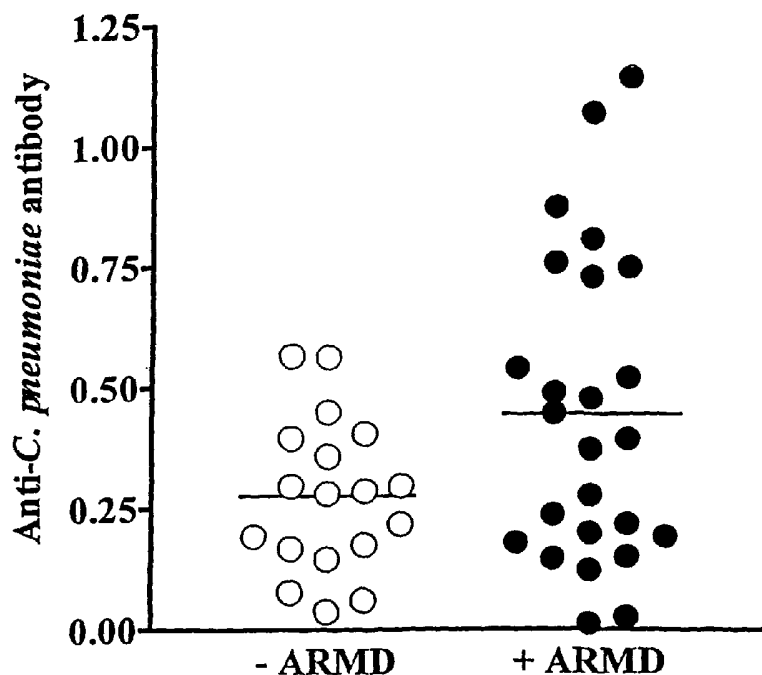
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[Continued on next page]

(54) Title: CHLAMYDIA PNEUMONIAE ASSOCIATED CHRONIC INTRAOCULAR DISORDERS AND TREATMENT THEREOF



(57) Abstract: Infection by Chlamydia pneumoniae has been identified as a risk factor associated with the pathogenesis of certain chronic intraocular disorders, for example, age-related macular degeneration. The invention provides methods of identifying individuals at risk of developing chronic intraocular disorders, and methods of delaying and/or preventing the onset of such chronic intraocular disorders.

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**Published:**

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21 October 2004

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/004108

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G01N33/569		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01N		
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, BIOSIS		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HUHTINEN MINNA ET AL: "Chlamydial antibodies in patients with previous acute anterior uveitis" IOVS, vol. 42, no. 8, July 2001 (2001-07), pages 1816-1819, XP001182506	1-18
Y	abstract	1-28
X	LIETMAN TOM ET AL: "Chronic follicular conjunctivitis associated with Chlamydia psittaci or chlamydia pneumoniae" CLINICAL INFECTIOUS DISEASES, vol. 26, no. 6, June 1998 (1998-06), pages 1335-1340, XP002287667 ISSN: 1058-4838	1-18
Y	abstract	1-28
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> 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	*T* later document published after the international filing date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
*E* earlier document but published on or after the international filing date	*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	
*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)	*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.	
*O* document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family	
*P* document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search  <p style="text-align: center; font-weight: bold;">9 July 2004</p>	Date of mailing of the international search report  <p style="text-align: center; font-weight: bold;">31/08/2004</p>	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  <p style="text-align: center; font-weight: bold;">Weijland, A</p>	

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/004108

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 02/083177 A (HASSAN FRED ; FORBES JAMES C (US); GAO PING (US); KARIM AZIZ (US); PHA) 24 October 2002 (2002-10-24) page 41, last paragraph page 43, paragraph 2 page 44, paragraphs 1,2</p> <p>-----</p>	1-28
X	<p>WEGER MARTIN ET AL: "Chlamydia pneumoniae seropositivity and the risk of nonarteritic ischemic optic neuropathy" OPTHALMOLOGY, vol. 109, no. 4, April 2002 (2002-04), pages 749-752, XP002287668 ISSN: 0161-6420 abstract page 751, right-hand column, last paragraph</p> <p>-----</p>	1-18

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/US2004/004108

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 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:  

Although claims 19-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
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 III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

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

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.:

### Remark on Protest

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

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US2004/004108

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02083177	A	24-10-2002	BR 0208994 A	27-04-2004
			CA 2444220 A1	24-10-2002
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			EP 1379279 A1	14-01-2004
			NO 20034629 A	10-12-2003
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