

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 June 2011 (30.06.2011)

(10) International Publication Number
WO 2011/077079 A3

(51) International Patent Classification:
A61F 2/16 (2006.01)

(21) International Application Number:
PCT/GB2010/002303

(22) International Filing Date:
21 December 2010 (21.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0922461.9 22 December 2009 (22.12.2009) GB

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
9 September 2011

(54) Title: INTRAOCULAR LENS

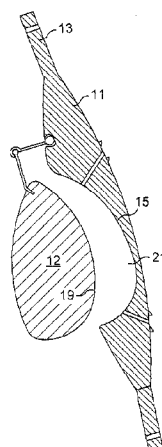


FIG. 5

(57) Abstract: A vision correction arrangement is described in which a lens system having variable optical power varies in dependence on the orientation of the user's eye. The vision correction arrangement may be embodied as an intraocular lens implant, or an extraocular device such as spectacles. The intraocular lens implant comprises a fixed lens element (11) and a movable lens (12) element sensitive to the orientation of the eye, so that the optical power of the intraocular lens implant is increased when the user looks downward, and returns to a reduced optical power condition when the user's eye returns to a horizontal gaze. The fixed lens element may have a convex rear surface and a concave front surface, and the second lens element may be pivotally mounted in front of the first lens element, so that downward inclination of the eye causes the second lens element to swing away from the fixed lens element.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2010/002303

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61F2/16
ADD.
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)
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	US 2003/083744 A1 (KHOURY ELIE [CA]) 1 May 2003 (2003-05-01)	1-6
Y	paragraph [0061] - paragraph [0105]	7-28, 30-35

X	EP 0 094 158 A1 (ESPERANCE FRANCIS A L) 16 November 1983 (1983-11-16)	1-6
Y	page 4 - page 7; figure 4	7-28, 30-35

X	WO 02/09620 A1 (ALLERGAN SALES INC [US]; LANG ALAN J [US]; ZALESKI EDWARD R [US]; YARO) 7 February 2002 (2002-02-07)	1
Y	the whole document	2-28, 30-35

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Further documents are listed in the continuation of Box C.

See patent family 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 15 April 2011	Date of mailing of the international search report 19/07/2011
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Serra i Verdaguer, J
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INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2010/002303

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/113913 A1 (DUVERT JACQUES [FR])	1
Y	26 May 2005 (2005-05-26)	
	paragraph [0026] - paragraph [0035];	2-28,
	claims; figures	30-35

X	US 6 013 101 A (ISRAEL HENRY M [IL])	1
Y	11 January 2000 (2000-01-11)	
	claims; figures	2-28,
	-----	30-35

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2010/002303

Box No. 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:

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 No. 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:

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 fees, this Authority did not invite payment of additional fees.

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.:

1-28, 30-35

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- 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: 1-28, 30-35

A lens arrangement with variable optical power

2. claim: 29

An intraocular implant with a plurality of second lens

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/GB2010/002303

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003083744	A1	01-05-2003	CA 2407719 A1 US 2005234285 A1

EP 0094158	A1	16-11-1983	CA 1190703 A1 DE 3369064 D1 JP 58190439 A US 4435856 A ZA 8302544 A

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US 2005113913	A1	26-05-2005	EP 1532944 A1 FR 2862524 A1

US 6013101	A	11-01-2000	NONE
