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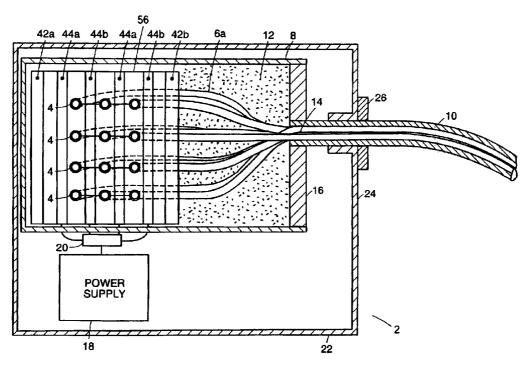
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[Continued on next page]

(54) Title: SOLID-STATE LIGHT SOURCE



(57) Abstract: A solid-state light source includes a semiconductor light source for emitting light and an optical system having a fiber optic element. The fiber optic element has an input for receiving emitted light from the semiconductor light source. The fiber optic element also has an output for emitting light received from the solid-state light source. The semiconductor light source and the fiber optic element in aggregate form an illumination path.



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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.

INTERNATIONAL SEARCH REPORT

Internation plication No PCT/US 02/27110

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER G02B23/24 A61B1/005 A61B1/07	G02B6/42				
According to	International Patent Classification (IPC) or to both national classification	ation and IPC				
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Minimum do IPC 7	cumentation searched (classification system followed by classification $602B-A61B$	on symbols)				
Documentat	ion searched other than minimum documentation to the extent that s	such documents are included in the fields se	earched			
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)			
EPO-In	ternal					
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.			
X	WO 01 49164 A (KEYMED MEDICALS & ;ROBINSON CHRISTOPHER PAUL (GB); 12 July 2001 (2001-07-12) the whole document		1-6, 10-23, 26-34			
Further documents are listed in the continuation of box C. X 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 after the international filing date on 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 combined with one or more other such 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 			the application but cory underlying the laimed invention be considered to current is, taken alone dalmed invention ventive step when the vero other such docurus to a person skilled			
6	February 2003	14/02/2003	:			
Name and n	nailing 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 Bernas, Y				

INTERNATIONAL SEARCH REPORT

Intern application No.
PCT/US 02/27110

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. X Claims Nos.: 7-9, 23-25 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: See FURTHER INFORMATION sheet PCT/ISA/210
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:
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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 7-9, 23-25

The initial phase of the search revealed a very large number of documents relevant to the issue of novelty of claim 1 . So many documents were retrieved that it is impossible to determine which parts of the claim(s) may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT). For these reasons, a meaningful search over the whole breadth of the claims is impossible. Consequently, the search has been restricted to a light source comprising an array of LEDS coupled to optical fibers.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internatio pplication No
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Patent document cited in search report	ŀ	Publication date		Patent family member(s)	Publication date
WO 0149164	A	12-07-2001	GB EP WO US	2357856 A 1241975 A1 0149164 A1 2002193664 A1	04-07-2001 25-09-2002 12-07-2001 19-12-2002

Form PCT/ISA/210 (patent family annex) (July 1992)