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(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,

TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, 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)*)

(88) Date of publication of the international search report:

14 January 2010

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US08/66871

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G02B 27/42(2006.01);G01J 1/04(2006.01)

USPC: 250/550;356/483;250/227,140

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)

U.S. : 250/550;356/483;250/227,140

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/0018586 A1 (Kishida) 26 January 2006, see entrie document.	1-3, 6-29
Y	us 6,555,807 b2 (Clayton et al) 29 April 2003, see entrie document	1-3, 6-29
Y	US 4,767,219 (Bibby) 30 August 1988, see entrie document.	17

☐ 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

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"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

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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"

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document member of the same patent family

Date of the actual completion of the international search

28 August 2008 (28.08.2008)

Date of mailing of the international search report

02 SEP 2008

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US08/66871

Continuation of B. FIELDS SEARCHED Item 3:
US-PGPUB;USPAT;USOCR;FRPS;EPO;JPO;DERWENT;IBM_TDB

brillouin,scatler,fiber,frequence,stokes,second,first,backscatter,optic,change,separation,ascertain,nonlinear,measur