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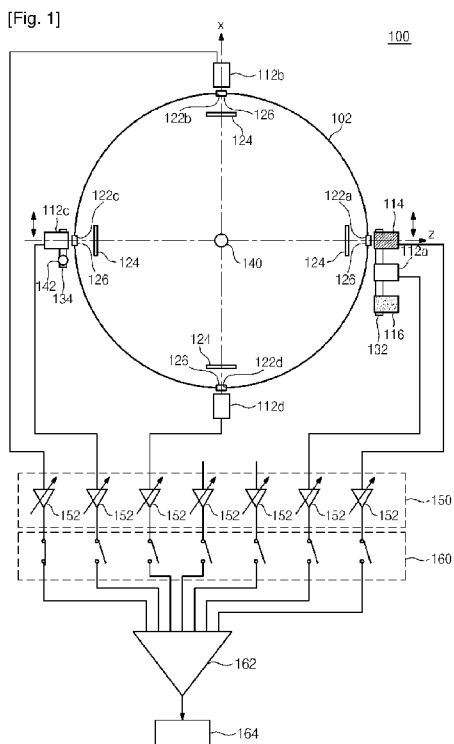
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[Continued on next page]

(54) Title: INTEGRATING SPHERE PHOTOMETER AND MEASURING METHOD OF THE SAME

(57) Abstract: Provided are an integrating sphere photometer and a measuring method of the same. The integrating sphere photometer includes a plurality of photodetectors, an integrating sphere having through-holes formed to correspond to the photodetectors, baffles disposed inside the integrating sphere in front of the photodetectors to be spaced apart from the photodetectors, a photometer disposed at a through-hole, and an adjustment unit adjusting output signals of the photodetectors to have the same output signal with respect to light illuminated from a point-like standard light source disposed at a center region in the integrating sphere.



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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,  
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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/KR2011/005257****A. CLASSIFICATION OF SUBJECT MATTER***G01J 1/02(2006.01)i, G01J 3/02(2006.01)i*

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)

G01J 1/02; G01J 3/32; G01N 21/27; G01N 21/31; G01J 3/02; G01J 1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models  
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: "INTEGRATING," "SPHERE," "PHOTOMETER," "PHOTODETECTOR," "HOLE," "BAFFLE," "CONTROL," "COMPENSATION," AND "ADJUSTMENT"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-318156 A (MATSUSHITA ELECTRIC IND CO., LTD.) 31 October 2002 See the abstract; figures 1-11 ; claims 1-10.	1-19
A	JP 2002-062189 A (SHIMADZU CORP.) 28 February 2002 See the abstract; figures 1-4 ; claims 1-3.	1-19
A	KR 20-0304586 Y1 (KILT) 19 February 2003 See the abstract; figures 1-3 ; claims 1-3.	1-19
A	KR 10-0970244 B1 (SCINCO CO., LTD.) 16 July 2010 See the abstract; figures 1-6b ; claims 1, 3-8	1-19
A	JP 2003-214945 A (NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL & TECHNOLOGY) 30 July 2003 See the abstract; figures 1-4 ; claims 1-2	1-19

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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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

"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Date of mailing of the international search report

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Name and mailing address of the ISA/KR

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Seo-gu, Daejeon 302-701, Republic of Korea

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/KR2011/005257**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2002-318156 A	31.10.2002	None	
JP 2002-062189 A	28.02.2002	US 2002-0024664 A1 US 6721048 B2	28.02.2002 13.04.2004
KR 20-0304586 Y1	19.02.2003	None	
KR 10-0970244 B1	16.07.2010	None	
JP 2003-214945 A	30.07.2003	None	