

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2019/043628

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. H04N5/74 (2006.01) i, G03B21/00 (2006.01) i
 FI: H04N5/74 F, G03B21/00 D, H04N5/74 C, H04N5/74 H

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)

Int. Cl. H04N5/74, H04N9/31, G03B21/00, G09G5/00, G02B27/00

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

Published examined utility model applications of Japan 1922-1996
 Published unexamined utility model applications of Japan 1971-2020
 Registered utility model specifications of Japan 1996-2020
 Published registered utility model applications of Japan 1994-2020

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	JP 7-184115 A (OYO KEISOKU KENKYUSHO KK) 21 July 1995, paragraphs [0024]-[0046], [0052], [0060], fig. 1-7, 11, 14	1-4, 7 5-6, 8 9-10
X Y A	JP 2014-48565 A (NIKON CORP.) 17 March 2014, paragraphs [0010]-[0017], [0028]-[0033], fig. 1-3, 6	1-4 5-6 7-10
Y	WO 2018/163945 A1 (SONY CORP.) 13 September 2018, paragraphs [0030]-[0045], [0062], fig. 1, 2	5-6
Y	JP 2008-129136 A (DAISO CO., LTD.) 05 June 2008, paragraphs [0014], [0015], fig. 1	8

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 application or patent but published on or after the international filing date
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Date of the actual completion of the international search
 21.01.2020

Date of mailing of the international search report
 28.01.2020

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INTERNATIONAL SEARCH REPORTInternational application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2013-37082 A (CANON INC.) 21 February 2013, paragraphs [0005], [0006]	2-4
A	JP 2007-47366 A (SEIKO EPSON CORP.) 22 February 2007, paragraph [0042], fig. 7	7
A	JP 2003-344805 A (OLYMPUS OPTICAL CO., LTD.) 03 December 2003, paragraph [0043]	8-10
A	JP 6-230738 A (NIPPON TELEGRAPH AND TELEPHONE CORP.) 19 August 1994, entire text, all drawings	8-10
A	JP 10-501636 A (PHILIPS ELECTRONICS NV) 10 February 1998, entire text, all drawings	8-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/JP2019/043628

Patent Documents referred to in the Report	Publication Date	Patent Family	Publication Date
JP 7-184115 A	21.07.1995	EP 669758 A1 columns 58-64, 66, 67, 69, fig. 55-61, 65, 68	
JP 2014-48565 A	17.03.2014	WO 1995/007590 A1 (Family: none)	
WO 2018/163945 A1	13.09.2018	CN 110383833 A	
JP 2008-129136 A	05.06.2008	(Family: none)	
JP 2013-37082 A	21.02.2013	(Family: none)	
JP 2007-47366 A	22.02.2007	(Family: none)	
JP 2003-344805 A	03.12.2003	(Family: none)	
JP 6-230738 A	19.08.1994	(Family: none)	
JP 10-501636 A	10.02.1998	US 5760955 A entire text, all drawings	
		WO 1996/031803 A1	
		EP 763220 A	
		KR 10-1997-0703547 A	