

INTERNATIONAL SEARCH REPORT

International application No. PCT/JP2019/049317
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A. CLASSIFICATION OF SUBJECT MATTER
H01G 9/02 (2006.01) i
FI: H01G9/02
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)
H01G9/02

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.
Y	JP 2005-294596 A (NIPPON CHEMI-CON CORPORATION) 20.10.2005 (2005-10-20) paragraphs [0010]-[0024]	1, 3-4
Y	JP 48-93936 A (TOKYO SHIBAURA ELECTRIC CO., LTD.) 04.12.1973 (1973-12-04) page 2, upper left column, line 14 to upper right column, line 11	1-4
Y	JP 46-2291 B1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 20.01.1971 (1971-01-20) column 1, line 17 to column 2, line 15	1-4
Y	JP 62-252065 A (NIPPON SHEET GLASS CO., LTD.) 02.11.1987 (1987-11-02) page 2, upper left column, lines 15-19	1-4
Y	JP 2007-335294 A (NISSAN MOTOR CO., LTD.) 27.12.2007 (2007-12-27) paragraph [0006]	1-4
Y	JP 2001-189241 A (NIPPON CHEMI-CON CORPORATION) 10.07.2001 (2001-07-10) paragraphs [0010]-[0031]	1-2, 4

<input type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
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* 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 “ 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
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Date of the actual completion of the international search 09 March 2020 (09.03.2020)	Date of mailing of the international search report 17 March 2020 (17.03.2020)
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Name and mailing address of the ISA/ Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer Telephone No.
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application no.
PCT/JP2019/049317

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
JP 2005-294596 A	20 Oct. 2005	(Family: none)	
JP 48-93936 A	04 Dec. 1973	(Family: none)	
JP 46-2291 B1	20 Jan. 1971	(Family: none)	
JP 62-252065 A	02 Nov. 1987	(Family: none)	
JP 2007-335294 A	27 Dec. 2007	(Family: none)	
JP 2001-189241 A	10 Jul. 2001	(Family: none)	