

**INTERNATIONAL SEARCH REPORT**

International application No. PCT/JP2019/046310
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<p><b>A. CLASSIFICATION OF SUBJECT MATTER</b>                  Int.Cl. A61B7/00(2006.01) i, A61B7/04(2006.01) i, G01H11/00(2006.01) i                  FI: A61B7/00D, A61B7/04A, G01H11/00</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p><b>B. FIELDS SEARCHED</b></p> <p>Minimum documentation searched (classification system followed by classification symbols)                  Int.Cl. A61B7/00, A61B7/04, G01H11/00</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <table border="0"> <tr> <td>Published examined utility model applications of Japan</td> <td>1922-1996</td> </tr> <tr> <td>Published unexamined utility model applications of Japan</td> <td>1971-2020</td> </tr> <tr> <td>Registered utility model specifications of Japan</td> <td>1996-2020</td> </tr> <tr> <td>Published registered utility model applications of Japan</td> <td>1994-2020</td> </tr> </table> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)</p>			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		
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<p><b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b></p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X A</td> <td>JP 10-325778 A (FUJI TECOM INC.) 08.12.1998 (1998-12-08), paragraphs [0008]-[0034], fig. 1-4</td> <td>1-5, 8 6-7</td> </tr> <tr> <td>X A</td> <td>JP 2009-2873 A (FUJI TECOM INC.) 08.01.2009 (2009-01-08), paragraphs [0020]-[0027], fig. 1, 2</td> <td>1, 3-5, 8 6-7</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X A	JP 10-325778 A (FUJI TECOM INC.) 08.12.1998 (1998-12-08), paragraphs [0008]-[0034], fig. 1-4	1-5, 8 6-7	X A	JP 2009-2873 A (FUJI TECOM INC.) 08.01.2009 (2009-01-08), paragraphs [0020]-[0027], fig. 1, 2	1, 3-5, 8 6-7	
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C.      <input checked="" type="checkbox"/> See patent family annex.</p>												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>“A” document defining the general state of the art which is not considered to be of particular relevance</td> <td>“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</td> </tr> <tr> <td>“E” earlier application or patent but published on or after the international filing date</td> <td>“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</td> </tr> <tr> <td>“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)</td> <td>“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</td> </tr> <tr> <td>“O” document referring to an oral disclosure, use, exhibition or other means</td> <td>“&amp;” document member of the same patent family</td> </tr> <tr> <td>“P” document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			“A” document defining the general state of the art which is not considered to be of particular relevance	“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	“E” earlier application or patent but published on or after the international filing date	“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	“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)	“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	“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family	“P” document published prior to the international filing date but later than the priority date claimed	
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Information on patent family members

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JP 10-325778 A	08.12.1998	US 5959210 A column 2, line 4 to column 6, line 10, fig. 1-4
JP 2009-2873 A	08.01.2009	US 2008/0314123 A1 paragraphs [0032]-[0040], fig. 1, 2 EP 2028471 A2 CN 101329012 A KR 10-2008-0113162 A AT 520968 T HK 1126850 A