

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2018/035139

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl. H01L21/027(2006.01) i, B29C59/02(2006.01) i, C08F2/48(2006.01) i, C08F20/20(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)

Int.Cl. H01L21/027, H01L21/30, B29C59/02

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	1971-2018
Registered utility model specifications of Japan	1996-2018
Published registered utility model applications of Japan	1994-2018

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 2013-93552 A (FUJIFILM CORP.) 16 May 2013, paragraphs [0154]-[0157], tables 4, 5, chemical formulas 19 & US 2014/0220353 A1, paragraphs [0300]-[0301], tables 4, 5 & WO 2013/051735 A1 & TW 201325876 A & KR 10-2014-0072192 A	11 8-10, 12-17 1-7

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

* Special categories of cited documents:	"I" 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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 05 December 2018 (05.12.2018)	Date of mailing of the international search report 18 December 2018 (18.12.2018)
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International application No.

PCT/JP2018/035139

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2011-508680 A (MOLECULAR IMPRINTS, INC.) 17	1-7
Y	March 2011, paragraphs [0011]-[0013], [0016], [0018], [0023]-[0024], [0034]-[0038], [0043]-[0047], [0053]-[0057], [0066], chemical formulas 3, 8, fig. 1-2, 7 & WO 2009/085090 A1, paragraphs [0023]-[0025], [0028], [0030], [0033], [0042]-[0045], [0048]-[0053], [0057]-[0061], [0069]-[0070], fig. 1-2, 7 & JP 2009-503139 A & JP 2010-526426 A & US 2009/0155583 A1 & US 2007/0021520 A1 & US 2007/0017631 A1 & US 2007/0212494 A1 & US 2014/0034229 A1 & WO 2007/050133 A2 & WO 2008/127835 A1 & EP 2217968 A1 & EP 1915888 A2 & EP 2136933 A1 & KR 10-2010-0099205 A & TW 200931175 A & KR 10-2008-0038338 A & CN 101228013 A & SG 163605 A & TW 200710566 A & KR 10-2009-0128473 A & CN 101702886 A & TW 200903146 A & MY 153677 A	8-17
Y	WO 2016/052473 A1 (FUJIFILM CORP.) 07 April 2016, paragraphs [0075], [0078], table 1 & US	8-17
A	2017/0200639 A1, paragraphs [0220]-[0227], table 1 & KR 10-2017-0048465 A & TW 201611982 A	1-7
A	WO 2016/104669 A1 (FUJIFILM CORP.) 30 June 2016, entire text & US 2017/0285468 A1, entire text & KR 10-2017-0084183 A & TW 201626105 A	1-17
A	JP 2011-138850 A (HITACHI HIGH-TECHNOLOGIES CORP.) 14 July 2011, entire text, all drawings & US 2013/0011632 A1, entire text, all drawings & WO 2011/081067 A1	1-17
A	WO 2012/002413 A1 (TOKUYAMA CORPORATION) 05 January 2012, entire text, all drawings & US 2013/0099423 A1 entire text, all drawings & GB 2495245 A & GB 201300311 D & DE 112011102260 T & CN 102959679 A & SG 186878 A & KR 10-2013-0093590 A & TW 201213353 A	1-17
A	JP 2016-115921 A (CANON INC.) 23 June 2016, entire text, all drawings & WO 2016/098314 A1, entire text, all drawings & TW 201623526 A & KR 10-2017-0095282 A	1-17
A	JP 2013-77748 A (FUJIFILM CORP.) 25 April 2013, entire text, all drawings & US 2014/0210140 A1, entire text, all drawings & WO 2013/047905 A1 & TW 201329629 A & CN 103843113 A & KR 10-2014-0072152 A	1-17

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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 2017-152705 A (CANON INC.) 31 August 2017, entire text, all drawings & US 2017/0068159 A1, entire text, all drawings & JP 2017-55108 A & US 2017/0066208 A1 & US 2017/0068161 A1 & US 2017/0066208 A1 & WO 2017/044421 A1 & EP 3141956 A1 & EP 3347410 A1 & KR 10-2017-0030051 A & CN 106842835 A & TW 201723649 A & TW 201723650 A & CN 108026330 A & KR 10-2018-0048863 A	1-17
A	JP 2014-192178 A (FUJIFILM CORP.) 06 October 2014, entire text, all drawings & US 2016/0009946 A1, entire text, all drawings & WO 2014/157226 A1 & EP 2980831 A1 & TW 201437767 A & KR 10-2015-0119223 A	1-17
A	JP 2014-24322 A (FUJIFILM CORP.) 06 February 2014, entire text, all drawings & US 2015/0079804 A1, entire text, all drawings & WO 2013/191228 A1 & TW 201403220 A & KR 10-2015-0013813 A	1-17