

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2020/036103

A. CLASSIFICATION OF SUBJECT MATTER

C08J 5/10 (2006.01) i

FI: C08J5/10 CFF

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)

C08J5/04-5/10

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 A	JP 2001-252938 A (SEKISUI CHEMICAL CO., LTD.) 18 September 2001 (2001-09-18) claims, paragraphs [0010]-[0012], examples	1-5, 7, 8 6
Y	US 2008/0299395 A1 (STRANGE, Andrew C.) 04 December 2008 (2008-12-04) claims, paragraphs [0056], [0057], [0060], examples	1-5, 7, 8
P, A	WO 2020/054056 A1 (SEKISUI CHEMICAL CO., LTD.) 19 March 2020 (2020-03-19) claims, examples	1-8
A	US 2019/0185610 A1 (RAILWAY ENGINEERING RESEARCH INSTITUTE OF CHINA ACADEMY OF RAILWAY SCIENCES CORPORATION LIMITED) 20 June 2019 (2019-06-20) claims	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

“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

Date of the actual completion of the international search
27 November 2020 (27.11.2020)

Date of mailing of the international search report
08 December 2020 (08.12.2020)

Name and mailing address of the ISA/
Japan Patent Office
3-4-3, Kasumigaseki, Chiyoda-ku,
Tokyo 100-8915, Japan

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/JP2020/036103

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
JP 2001-252938 A	18 Sep. 2001	(Family: none)	
US 2008/0299395 A1	04 Dec. 2008	WO 2007/038673 A1 EP 1928943 A	
WO 2020/054056 A1	19 Mar. 2020	(Family: none)	
US 2019/0185610 A1	20 Jun. 2019	WO 2018/033041 A1 EP 3502349 A1 CN 106120480 A	