

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2019/046906

A. CLASSIFICATION OF SUBJECT MATTER

C07K 14/285(2006.01)i; C07K 14/315(2006.01)i; C07K 16/12(2006.01)i; G01N 33/543(2006.01)i; G01N 33/569(2006.01)i
 FI: G01N33/569 F; G01N33/543 545A; C07K14/285 ZNA; C07K14/315; C07K16/12

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)
 C07K14/285; C07K14/315; C07K16/12; G01N33/543; G01N33/569

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)
 JSTPlus/JMEDPlus/JST7580 (JDreamIII)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ラピラン肺炎球菌 HS (中耳・副鼻腔炎) , 添付文書, 大塚製薬株式会社, 2013, entire text, (RAPIRUN S. pneumoniae HS (otitis media/sinusitis), attached document, OTSUKA PHARMACEUTICAL CO., LTD.)	1-6
Y	WO 00/06603 A1 (ASAHI KASEI INDUSTRY CO., LTD.) 10.02.2000 (2000-02-10) examples 4, 6	1-6
Y	WO 2009/122714 A1 (OTSUKA PHARMACEUTICAL CO., LTD.) 08.10.2009 (2009-10-08) claims 1, 4, paragraphs [0028], [0030], examples	1-6

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 February 2020 (05.02.2020)	Date of mailing of the international search report 25 February 2020 (25.02.2020)
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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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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KONG, M. M. et al., "Development of immunochromatographic colloidal gold test strip for rapid detection of Haemophilus influenzae in clinical specimens", journal of applied microbiology, 2017, vol. 123, no. 1, pp. 287-294, abstract	1-6

INTERNATIONAL SEARCH REPORT
Information on patent family members

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PCT/JP2019/046906

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
WO 00/06603 A1	10 Feb. 2000	US 2004/0014943 A1 examples 4, 6 EP 1104772 A1 AU 4931799 A CA 2338989 A NZ 509577 A AU 767270 B ID 27972 A AT 280183 r TW 231299 B CN 1317014 A	
WO 2009/122714 A1	08 Oct. 2009	US 2011/0020848 A1 claims 1, 4, paragraphs [0048], [0050], examples EP 2261666 A1 CA 2720039 A1 KR 10-2010-0132964 A CN 101981452 A ES 2556354 T	