

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/JP2018/021901

**A. CLASSIFICATION OF SUBJECT MATTER**

Int.Cl. G01N33/574 (2006.01) i, G01N33/53 (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. G01N33/574, G01N33/53

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)

JSTPlus/JMEDPlus/JST7580 (JDreamIII), CAPLUS/MEDLINE/BIOSIS (STN)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2015-105951 A (KOREA BASIC SCIENCE INSTITUTE) 08 June 2015, abstract, claim 7 & KR 10-2015-0061816 A	1-12
A	JP 2016-505137 A (SPHINGOTEC GMBH) 18 February 2016, claims 6, 12, 22 & US 2015/0346207 A1 (claims 26, 37, 47) & WO 2014/108397 A1 & EP 2943792 A1 & CN 104937419 A	1-12

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  
17 August 2018 (17.08.2018)

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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	US 2015/0147765 A1 (KOREA BASIC SCIENCE INSTITUTE) 28 May 2015, paragraphs [0064], [0065] & KR 10-2015-0062915 A	1-12
A	US 2010/0008935 A1 (FRAUNHOFER GESELLSCHAFT FUR ANGEWANDTE) 14 January 2010, paragraph [0042] table 2 (Seq ID No 11) & WO 2008/022806 A2 & EP 1892303 A1 & EP 2057281 A2	1-12
A	北端宏規, 生化学的検査[I]B. 酵素関係 (アインザイムを含む) アンジオテンシン変換酵素(ACE), 日本臨床, 28 November 2004, vol. 62, extra issue 11, pp. 499-501, 1. outline, non-official translation (KITABATA, Hiroki, "Angiotensin-1-converting enzyme(ACE)", Japanese journal of clinical medicine)	1-12
A	MUNOZ, Miguel, "The Substance P/neurokinin-1 receptor system in lung cancer: Focus on the antitumor action of neurokinin-1 receptor antagonist", Peptides, December 2012, vol. 38, no. 2, pp. 318-325, abstract, introduction	1-12
A	CHAND, "Bradykinin antagonist dimer, CU201, inhibits the growth of human lung cancer cell lines by a "biased agonist" mechanism", Proc Natl Acad Sci USA, 02 April 2002, vol. 99, no. 7, pp. 4608-4613, abstract	1-12
A	小代正隆, 悪性腫瘍における血中 Fibrinopeptide A (FPA), Fibrinopeptide B $\beta$ 15-42 (FPB $\beta$ ), Factor XII および Prekallikrein の動態, 鹿児島大学医学雑誌, June 1988, vol. 40, no. 1, pp. 17-24, introduction, non-official translation (KOSHIRO, Masataka, "Movements of Fibrinopeptide A (FPA), Fibrinopeptide B $\beta$ 15-42 (FPB $\beta$ ), Factor XII, and Prekallikrein in blood with respect to malignant tumor", Medical Journal of Kagoshima University)	1-12