

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2020/040135

A. CLASSIFICATION OF SUBJECT MATTER

C07D 403/12 (2006.01)i; C07F 7/10 (2006.01)i; C07D 239/54 (2006.01)i; C07D 239/553 (2006.01)i; A01N 55/10 (2006.01)i; A01P 3/00 (2006.01)i; A01N 43/54 (2006.01)i; A01N 43/60 (2006.01)i; A01N 43/647 (2006.01)i; A01N 43/653 (2006.01)i; A01N 43/707 (2006.01)i; A01N 43/84 (2006.01)i

FI: C07D239/54 CSP; A01P3/00; A01N43/54 F; A01N43/653 C; A01N55/10 300; A01N43/647; A01N43/84 101; A01N43/84 102; A01N43/60; A01N43/707; C07F7/10 Q; C07D403/12; C07D239/553

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)

C07D403/12; C07F7/10; C07D239/54; C07D239/553; A01N55/10; A01P3/00; A01N43/54; A01N43/60; A01N43/647; A01N43/653; A01N43/707; A01N43/84

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)

CAplus/REGISTRY (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 09-100269 A (F. HOFFMANN-LA ROCHE AG) 15 April 1997 (1997-04-15) paragraphs [0004]-[0007], [0121]-[0125], [0131]-[0133], [0135], example 31	1-4, 9, 10 5-8
X	US 5859014 A (BANTLE, Gary W.) 12 January 1999 (1999-01-12) SUMMARY OF THE INVENTION, column 2, example 31	1-4, 9, 10
X	JP 2010-538068 A (SCHERING CORPORATION) 09 December 2010 (2010-12-09) claims 1, 15, paragraphs [0082]-[0087], [1215]	1-4, 10



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
20 November 2020 (20.11.2020)

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

Name and mailing address of the ISA/
Japan Patent Office
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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.
P, X	SAHIN, Kader et al., "Identifying the Novel Pyrimidine-Based CDK2 Inhibitors as Anticancer Agents Using Text-Mining and Combined Molecular Modeling Approaches.", Journal of the Turkish Chemical Society Section A: Chemistry, 23 June 2020, vol. 7, no. 2, pp. 383-404, https://dergipark.org.tr/tr/pub/jotcsa/issue/52506/701243 Compound Mol-2657	9

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/JP2020/040135

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
JP 09-100269 A	15 Apr. 1997	EP 0748800 A2 page 3, line 18 to page 4, line 14, example 31 (Family: none)	
US 5859014 A	12 Jan. 1999	US 2011/0082153 A1	
JP 2010-538068 A	09 Dec. 2010	claims 1, 15, paragraphs [0078]- [0117], [0790] EP 2200990 A1 WO 2009/032277 A1	