

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2009/067187

A. CLASSIFICATION OF SUBJECT MATTER

C12N15/09(2006.01)i, C12M1/00(2006.01)i, C12M1/34(2006.01)i, C12Q1/68
(2006.01)i, A61K39/395(2006.01)n, A61P29/00(2006.01)n

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)

C12N15/09, C12M1/00, C12M1/34, C12Q1/68, A61K39/395, A61P29/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2009
Kokai Jitsuyo Shinan Koho	1971-2009	Toroku Jitsuyo Shinan Koho	1994-2009

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CA/BIOSIS/MEDLINE/WPIDS (STN), JSTPlus/JMEDPlus/JST7580 (JDreamII)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LEQUERRE T. et al., Gene profiling in white blood cells predicts infliximab responsiveness in rheumatoid arthritis, <i>Arthritis Res. Ther.</i> , 2006, Vol.8, No.4, p.R105	1-8
A	SEGUIN C.A. et al., Differential regulation of matrix degrading enzymes in a TNFalpha-induced model of nucleus pulposus tissue degeneration, <i>Matrix Biol.</i> , 2006.09, Vol.25, No.7, pp.409-418	1-8
P, X	Kensei TSUZAKA et al., "Toyo Zen Kecchu ADAMTS5 Hatsugenryo o Moto ni shita RA ni Taisuru Infliximab Yukosei Yosoku", Dai 53 Kai Nippon Rheumatism Gakkai Sokai Gakujutsu Shukai (Dai 18 Kai Kokusai Rheumatism Symposium) Program Shorokushu, 19 March 2009 (19.03.2009), page 274	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

"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

"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
06 November, 2009 (06.11.09)

Date of mailing of the international search report
17 November, 2009 (17.11.09)

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Japanese Patent Office

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