Abstract:


Priority Data:

61/330,825 3 May 2010 (03.05.2010) US
61/330,779 3 May 2010 (03.05.2010) US
61/330,826 3 May 2010 (03.05.2010) US

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Declarations under Rule 4.17: — as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(H)) — as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Hi))

Published:

— with international search report (Art. 21(3)) — before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

[Continued on next page]

Title: INNOVATIVE DISCOVERY OF THERAPEUTIC, DIAGNOSTIC, AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF SERYL-TRNA SYNTHETASES

FIG. 1A

Aminoacylation domain

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[Continued on next page]

(57) Abstract: Provided are compositions comprising newly identified protein fragments of aminoacyl-tRNA synthetases, polynucleotides that encode them and complements thereof, related agents, and methods of use thereof in diagnostic, drug discovery, research, and therapeutic applications.
with sequence listing part of description (Rule 5.2(a))
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
A61K 39/395(2006.01), A61K 39/39(2006.01), A61K 38/16(2006.01), A61K 38/43(2006.01), C12N 9/00(2006.01), A61P 37/00(2006.01)
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)
A61K 39/395

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: . .

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 09 FEBRUARY 2012 (09.02.2012)
Date of mailing of the international search report: 10 FEBRUARY 2012 (10.02.2012)

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Facsimile No. 82-42-472-7140

Authorized officer
LIM, Hea Joon
Telephone No. 82-42-481-8395

Form PCT/ISA/210 (second sheet) (My 2009)
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