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(54) Title: USE OF OLIGONUCLEOTIDES WITH MODIFIED BASES AS ANTIVIRAL AGENTS

(57) Abstract: The present invention relates to the use of oligonucleotides having modified nucleobases to inhibit gene expression and/or replication of viruses in a subject. The modified nucleobases may be mercapto-modified bases or hydroxy-modified nucleobases. It is contemplated that the oligonucleotides further comprise a nuclease complex which enhances anti-viral activity of the oligonucleotides.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 INV. C12N15/11 C07H21/00 A61K31/7115
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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)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
 EPO-Internal, WPI Data, BIOSIS, EMBASE

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Further documents are listed in the continuation of Box C. See patent family annex.

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A document defining the general state of the art which is not considered to be of particular relevance	*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
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O document referring to an oral disclosure, use, exhibition or other means	* & * document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	

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