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(71) Applicant: **PROQR THERAPEUTICS II B.V.** [NL/NL];
Zernikedreef 9, 2333 CK Leiden (NL).

(72) Inventors: **TURUNEN, Janne Juha**; ProQR Therapeutics II B.V., Zernikedreef 9, 2333 CK Leiden (NL). **AALTO, Antti**; ProQR Therapeutics II B.V., Zernikedreef 9, 2333 CK Leiden (NL). **KLEIN, Bart**; ProQR Therapeutics II B.V., Zernikedreef 9, 2333 CK Leiden (NL). **VAN SINT FIET, Lenka**; ProQR Therapeutics II B.V., Zernikedreef 9, 2333 CK Leiden (NL). **BOUDET, Julien Auguste Germain**; ProQR Therapeutics II B.V., Zernikedreef 9, 2333 CK Leiden (NL).

(74) Agent: **SPINNER, David** et al.; Greaves Brewster LLP, Copa House, Station Road, Cheddar Somerset BS27 3AH (GB).

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(54) Title: CHEMICALLY MODIFIED SINGLE-STRANDED RNA-EDITING OLIGONUCLEOTIDES

(57) Abstract: The invention relates to antisense oligonucleotides that are capable of bringing about specific editing of a target nucleotide (adenosine) in a target RNA sequence in a eukaryotic cell, wherein said oligonucleotide does not, in itself, form an intramolecular hairpin or stem-loop structure, and wherein said oligonucleotide comprises a non-complementary nucleotide in a position opposite to the nucleotide to be edited in the target RNA sequence.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. C12N15/113 C12N15/10 A61K31/712 ADD.		
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) C12N A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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	"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	
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