

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
31 July 2008 (31.07.2008)

PCT

(10) International Publication Number
WO 2008/090177 A3

- (51) **International Patent Classification:**
C12Q 1/68 (2006.01) *A61P 35/00* (2006.01)
GOIN 33/574 (2006.01) *C07K 16/18* (2006.01)
- (21) **International Application Number:**
PCT/EP2008/050761
- (22) **International Filing Date:** 23 January 2008 (23.01.2008)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
60/881,830 23 January 2007 (23.01.2007) US
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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, **DK**, EE, ES, FI, FR, GB, GR, **HR**, HU, IE, **IS**, **IT**, LT, LU, LV, MC, MT, NL, NO, PL, PT, **RO**, SE, **SI**, SK, TR), OAPI (BF, **BJ**, CF, CG, CI, CM, GA, GN, GQ, GW, ML, **MR**, NE, SN, TD, TG).
- Declaration under Rule 4.17:**
— of inventorship (Rule 4.17(iv))
- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
— with sequence listing part of description published separately in electronic form and available upon request from the International Bureau
- (88) **Date of publication of the international search report:**
18 September 2008



WO 2008/090177 A3

(54) **Title:** DIAGNOSIS OF PROSTATE CANCER

(57) **Abstract:** The present invention relates to vitro diagnosis methods of prostate cancer from a test biological sample, comprising measuring the expression level of KIAA0153 in said test biological sample, as well as to methods for screening compounds inhibiting KIAA0153 gene expression or biological activity and uses of such KIAA0153 inhibiting compounds.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/050761

A. CLASSIFICATION^A SUBJECT MATTER
INV. C12Q1/68 G01N33/574 A61P35/00 C07K16/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. RELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
C12Q GOIN

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 , EMBASE, BIOSIS, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>JANKE CARSTEN ET AL: "Tubulin polyglutamylase enzymes are members of the TTL domain protein family." SCIENCE (NEW YORK, N.Y.) 17 JUN 2005, vol. 308, no. 5729, 17 June 2005 (2005-06-17), pages 1758-1762, XP002485174 ISSN: 1095-9203 cited in the application page 1760, right-hand column, last paragraph - page 1761, left-hand column, paragraph 1 figure 4</p> <p align="center">-/--</p>	<p>1-4, 7-11, 16-18</p>

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

* Special categories of cited documents :

"A ¹ 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
"E ¹ earlier document but published on or after the international filing date	"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
"L ¹ 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)	"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.
"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	

Date of the actual completion of the international search 23 June 2008	Date of mailing of the international search report 09/07/2008
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Ulbrecht , Matthi as
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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/050761

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	-& 17 June 2005 (2005-06-17), XP002485175 Supporting online material Retrieved from the Internet: URL:www.science.org> [retrieved on 2008-06-20] page 13 - page 17 -----	1-4, 7-11, 16-18
X	DATABASE GENBANK NCBI; Vers. 2 of 12.12.2006 cf. revision history 12 December 2006 (2006-12-12), COLLINS ET AL.: "Tubulin-tyrosine ligase like protein 12" XP002485177 Database accession no. Q14166 the whole document	1-4, 7-11, 16-18
L	-& DATABASE GENBANK NCBI; Revision History for Q14166 XP002485178 Database accession no. Q14166 the whole document -----	
A	SOUCEK KAREL ET AL: "Normal and prostate cancer cells display distinct molecular profiles of alpha-tubulin posttranslational modifications." THE PROSTATE 15 JUN 2006, vol. 66, no. 9, 15 June 2006 (2006-06-15), pages 954-965, XP002485176 ISSN: 0270-4137 abstract page 958, right-hand column, last paragraph - page 960, left-hand column, paragraph 1 figure 6 -----	1-19