



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61K 38/08, A61P 35/04	A3	(11) International Publication Number: WO 00/10590	(43) International Publication Date: 2 March 2000 (02.03.00)
(21) International Application Number: PCT/GB99/02727 (22) International Filing Date: 18 August 1999 (18.08.99) (30) Priority Data: 9818023.5 18 August 1998 (18.08.98) GB 9820000.9 14 September 1998 (14.09.98) GB (71) Applicant (<i>for all designated States except US</i>): QUEEN MARY & WESTFIELD COLLEGE [GB/GB]; Attention: Research Grants & Contracts, Mile End Road, London E1 4NS (GB). (72) Inventors; and (75) Inventors/Applicants (<i>for US only</i>): VINSON, Gavin, Paul [GB/GB]; Division of Biomedical Sciences, Queen Mary & Westfield College, Mile End Road, London E1 4NS (GB). PUDDEFOOT, John, Richard [GB/GB]; Division of Biomedical Sciences, Queen Mary & Westfield College, Mile End Road, London E1 4NS (GB). BERRY, Miles, Gordon [GB/GB]; Division of Biomedical Sciences, Queen Mary & Westfield College, Mile End Road, London E1 4NS (GB). (74) Agents: SHEARD, Andrew, Gregory et al.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 18 May 2000 (18.05.00)	
(54) Title: CANCER TREATMENT			
(57) Abstract A method of treatment or prevention of metastasis of cancer cells comprises administration of an effective amount of an angiotensin to a patient. The use of an angiotensin in the preparation of a medicament for the prevention of metastasis of cancer cells is also described.			

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INTERNATIONAL SEARCH REPORT

Inter. Appl. Application No.

PCT/GB 99/02727

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/08 A61P35/04

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)

IPC 7 A61K

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US TSUJI Y ET AL: "A case of non-resectable pancreatic cancer surviving more than 4 years by intra-arterial infusion chemotherapy with angiotensin - II." retrieved from STN Database accession no. 97007630 XP002131491 abstract & GAN TO KAGAKU RYOHO 'JAPANESE JOURNAL OF CANCER AND CHEMOTHERAPY!, (1996 SEP) 23 (11) 1617-20. ,</p> <p style="text-align: center;">— -/--</p>	1-6

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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"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

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Date of the actual completion of the international search

24 February 2000

Date of mailing of the international search report

08/03/2000

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INTERNATIONAL SEARCH REPORT

Inter. nal Application No

PCT/GB 99/02727

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 34627 A (SOCIÉTÉ DE CONSEILS DE RECHERCHE ET D'APPLICATIONS SCIENTIFIQUES) 25 September 1997 (1997-09-25) the whole document	1-8
A	----- DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US IWASAKI Y ET AL: "Intrahepatic arterial infusion chemotherapy with angiotensin II for liver metastasis from gastric cancer." retrieved from STN Database accession no. 1998369464 XP002131492 abstract & GAN TO KAGAKU RYOHO 'JAPANESE JOURNAL OF CANCER AND CHEMOTHERAPY!, (1998 JUL) 25 (9) 1412-5. ,	1-8
P,X	----- DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US BERRY, M. G. (1) ET AL: "Angiotensin II upregulates integrin betal expression in human breast cancer cells." retrieved from STN XP002131493 abstract & MOLECULAR BIOLOGY OF THE CELL, (NOV., 1998) VOL. 9, NO. SUPPL., PP. 418A. MEETING INFO.: 38TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR CELL BIOLOGY SAN FRANCISCO, CALIFORNIA, USA DECEMBER 12-16, 1998 ,	1-8

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 99/ 02727

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claims 1-3 and 7 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/GB 99/02727

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9734627 A	25-09-1997	NONE	