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(71) Applicant (for all designated States except US): **WILEX AG** [DE/DE]; Grillparzerstrasse 10B, 81675 München (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WILHELM, Olaf** [DE/DE]; Thelemannstrasse 13, 81545 München (DE). **BÜRGLER, Markus** [DE/DE]; Ötschmannweg 10, 81369 München (DE). **KESSLER, Horst** [DE/DE]; Friedrich-Stoltze-Strasse 53, 65842 Schwalbach (DE). **SCHMIEDEBERG, Niko** [DE/DE]; Pienzenauerstrasse 1a, 81679 München (DE).

(74) Agent: **WEICKMANN & WEICKMANN**; Postfach 860 820, 81635 München (DE).

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(54) Title: UROKINASE PEPTIDE STRUCTURE MIMETICS

(57) Abstract: The NMR structure of the peptidic urokinase type plasminogen activator antagonist cyclo[21,29][D-Cys21Cys29]-uPA₂₁₋₃₀ has been solved to identify design strategies for peptidomimetics that interfere with the binding of urokinase type plasminogen activator with its receptor.

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01N33/573 C12N9/72

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)

CHEM ABS Data, BIOSIS, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; MAGDOLEN, VIKTOR ET AL: "Cyclo19,31'D-Cys19!-uPA19-31 is a potent competitive antagonist of the interaction of urokinase-type plasminogen activator with its receptor (CD87)" retrieved from STN Database accession no. 136:112295 CA XP002207722 & BIOLOGICAL CHEMISTRY (2001), 382(8), 1197-1205 , 2001, abstract	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

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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

Masturzo, P

INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BURGLE, MARKUS ET AL: "Inhibition of the interaction of urokinase-type plasminogen activator (uPA) with its receptor (uPAR) by synthetic peptides" retrieved from STN Database accession no. 127:77905 CA XP002207723 & BIOLOGICAL CHEMISTRY (1997), 378(3/4), 231-237 , 1997, abstract</p>	1-10
X	<p>ZESLAWSKA, EWA ET AL: "Crystals of the Urokinase Type Plasminogen Activator Variant.beta.c-uPA in Complex with Small Molecule Inhibitors Open the Way towards Structure-based Drug Design" JOURNAL OF MOLECULAR BIOLOGY (2000), 301(2), 465-475 , 11 August 2000 (2000-08-11), XP002207720 the whole document</p>	1-10
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A	<p>WO 98 21230 A (ANGSTROM PHARMACEUTICALS) 22 May 1998 (1998-05-22) the whole document</p>	1-10
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