(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 30 November 2000 (30.11.2000)

PCT

(10) International Publication Number WO 00/71105 A3

(51) International Patent Classification⁷: A61K 31/185, A61P 31/22

(21) International Application Number: PCT/EP00/04680

(22) International Filing Date: 23 May 2000 (23.05.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

MI99A001144 24 May 1999 (24.05.1999)

(71) Applicant and

(72) Inventor: MEZZOLI, Giorgio [IT/IT]; Via Ricci Curbastro, 56/1, I-48022 Lugo (IT).

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE,

DK, DM, DZ, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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:

With international search report.

(88) Date of publication of the international search report: 22 February 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



00/71105 A3

(54) Title: TRICLOROACETIC ACID FOR THE PREPARATION OF SOLUTIONS AND/OR COMPOSITIONS FOR THE TREATMENT OF EROSIVE AND/OR ULCERATIVE LESIONS

Intern nal Application No PCT/EP 00/04680

Α.	CLA	SSIFIC	ATION	OF SU	BJECT	MATTER	
ΙP	C	7	A61K	31/:	185	A61P31	/22

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) $IPC - 7 \qquad A61K$

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)

MEDLINE, BIOSIS, EMBASE, EPO-Internal, CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Jalegory	Official of document, with indication, whose appropriate, or the relevant passages	
X	DUCRUET L.: "'Recurrent aphtous stomatitis: Aetiology and treatment!. L' APHTOSE BUCCALE RECIDIVANTE: ETIOLOGIE ET TRAITEMENT." LYON PHARMACEUTIQUE, (1997) 48/8 (408-412)., XP000961325 * "Les topiques caustiques "* page 410, column 2, last paragraph	1-4,6-14

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' 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) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 "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 "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 "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. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
8 November 2000	30/11/2000
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 Veronese, A

1

Interr hal Application No
PCT/EP 00/04680

		PC1/EP 00/04680	
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	IMBERT A L: "'Drepanocytic ulcers: contribution to the study of their treatment!. Ulc'eres drepanocytaires: contribution 'a l'etude de leur traitement." PHLEBOLOGIE, (1965 JUL-SEP) 18 (3) 275-81. 'XP000961331 the whole document	1-4,10	
X	SEDLACEK J: "'Cauterization of corneal herpetic diseases ufing trichloroacetic acid!. Kauterizace herpetickych onemocneni rohovky kyselinov trichloroctovou." CESKOSLOVENSKA OFTALMOLOGIE, (1970 NOV) 26 (6) 373. XP000961333 the whole document	1-4,6,7	
X	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; DYNIA J: "'Conservative treatment of vaginal portio erosion with trichloroacetic acid!. Zachowawcze leczenie tzw. nadzerek czesci pochwowej szyjki macicy kwasem trojchlorooctowym." retrieved from STN Database accession no. 78085688 XP002152385 abstract & GINEKOLOGIA POLSKA, (1977 NOV) 48 (11) 997-1000.,	1,8	
А	HEITHERSAY G S ET AL: "TISSUE RESPONSES IN THE RAT TO TRICHLOROACETIC ACID AN AGENT USED IN THE TREATMENT OF INVASIVE CERVICAL RESORPTION." AUST DENT J, (1988) 33 (6), 451-461., XP000961327 the whole document	1-10	
А	OSBORNE N G ET AL: "Herpes simplex and human papillomavirus genital infections: controversy over obstetric management." CLINICAL OBSTETRICS AND GYNECOLOGY, (1990 DEC) 33 (4) 801-11. REF: 20, XP000961322 page 809, column 2, line 9-22	1-10	
X	WO 97 09963 A (OBAGI ZEIN E ;MICHEL GEORGE H (US)) 20 March 1997 (1997-03-20) page 11, line 9-24; claims 1,26	11-14	

1

Intern 1 al Application No PCT/EP 00/04680

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °	Citation of document, with indication,where appropriate, of the relevant passages	neevant to dain No.
A	"Martindale, The Extra Pharmacopoeia" 1996 , ROYAL PHARMACEUTICAL SOCIETY , LONDON UK XP002152384 * See Trichloroacetic acid preparations (ATS) * page 762, column 2	1
X	DE 196 27 340 A (LUYKEN HANS THOMAS DR ;BOCK HEINKE (DE)) 2 January 1998 (1998-01-02) figures 1-3	11-14
X	US 5 611 687 A (WAGNER EUGENE C) 18 March 1997 (1997-03-18) figures 1-5	11-14

1

.. .ormation on patent family members

Intern 1 al Application No PCT/EP 00/04680

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9709963	A	20-03-1997	US 5827884 A AU 6861396 A	27-10-1998 01-04-1997
DE 19627340	Α	02-01-1998	AU 3538297 A WO 9800108 A DE 29723113 U	21-01-1998 08-01-1998 30-07-1998
US 5611687	Α	18-03-1997	NONE	