(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 11 April 2002 (11.04.2002)

PCT

(10) International Publication Number WO 02/028449 A3

(51) International Patent Classification⁷: A61M 1/00, A61F 9/007, 9/011

92677 (US). **STEPPE, Dennis, L.** [US/US]; 969 Palemo Lane, Corona, CA 92879-8525 (US).

(21) International Application Number: PCT/US01/28029

(74) Agents: LEE, W., David et al.; Alcon Research, Ltd., Mail Code: Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

(81) Designated States (national): AU, BR, CA, JP, MX, US.

(22) International Filing Date:
6 September 2001 (06.09.2001)

(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 09/675,683

29 September 2000 (29.09.2000)

Published:

with international search report

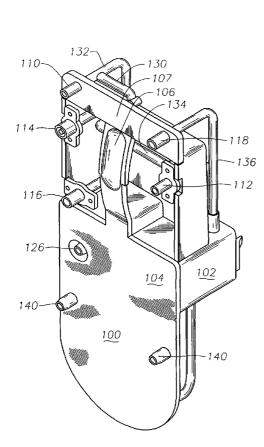
(71) Applicant (for all designated States except US): ALCON, INC. [CH/CH]; Bösch 69, CH-6331 Hünenberg (CH).

(88) Date of publication of the international search report: 19 September 2002

(72) Inventors; and

(75) Inventors/Applicants (for US only): NAZARIFAR, Nader [US/US]; 28421 La Pradera, Laguna Niguel, CA 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.

(54) Title: SURGICAL CASSETTE AND CONSUMABLES FOR COMBINED OPHTHALMIC SURGICAL PROCEDURE



(57) Abstract: A surgical cassette for use in a combined anterior segment and posterior segment ophthalmic surgical procedure is disclosed. The surgical cassette includes an irrigation inlet for receiving irrigation fluid from a source, a first irrigation outlet for providing irrigation fluid to a first ophthalmic microsurgical instrument, a first manifold fluidly coupling the irrigation inlet with the first irrigation outlet, a second irrigation outlet for providing irrigation fluid to a second ophthalmic microsurgical instrument, and a second manifold fluidly coupling the irrigation inlet with the second irrigation outlet. The surgical cassette greatly simplifies the combined procedure by eliminating the need for separate anterior segment and posterior segment cassettes for the combined procedure.

WO 02/028449 A3 ||||||||||||

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 01/28029

a. classi IPC 7	FICATION OF SUBJECT MATTER A61M1/00 A61F9/007 A61F9/	011		
According to	o International Patent Classification (IPC) or to both national class	fication and IPC		
	SEARCHED			
Minimum do	ocumentation searched (classification system followed by classific A61M A61F	ation symbols)		
	tion searched other than minimum documentation to the extent the			
	ternal, PAJ	base and, where practical, sealon terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	Relevant to claim No.		
Х	DE 198 52 574 A (AESCULAP MEDIT 11 May 2000 (2000-05-11)	1,14		
Υ	column 4, line 44 -column 5, li figure 3	ne 38;	2,3	
Υ	EP 0 776 670 A (ALCON LAB INC) 4 June 1997 (1997-06-04)		2,3	
Α	column 4, line 30 - line 39; figures		15	
А	DE 38 22 011 A (GEUDER HANS GMB 11 January 1990 (1990-01-11) abstract; figure 5	1,14		
Furti	her documents are listed in the continuation of box C.	χ Patent family members are listed i	n annex.	
 Special categories of cited documents: "I" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 				
considered to be of particular relevance 'E' earlier document but published on or after the international filing date		invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to		
which cilation	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	"Y" document of particular relevance; the cl cannot be considered to involve an inv document is combined with one or mo	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 docu- ments, such combination being obvious to a person skilled	
"P" docume later th	ent published prior to the international filing date but nan the priority date claimed	in the art. &' document member of the same patent family		
	actual completion of the international search	Date of mailing of the international sea	rch report	
	6 May 2002	23/05/2002		
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,		Authorized officer		
	Fax: (+31-70) 340-3016	Villeneuve, J-M		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US 01/28029

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
DE 19852574 A	11-05-2000	DE	19852574 A1	11-05-2000
		ΑU	1160600 A	29-05-2000
		WO	0027325 A1	18-05-2000
		EP	11268 0 5 A1	29-08-2001
EP 0776670 A	04-06-1997	US	6059544 A	09-05-2000
		ΑT	206060 T	15-10-2001
		ΑU	702757 B2	04-03-1999
		ΑU	6803496 A	05-06-1997
		CA	2187384 A1	02-06-1997
		DE	69615507 D1	31-10-2001
		EP	0776670 A2	04-06-1997
		ES	2164207 T3	16-02-2002
		JP	3238870 B2	17-12-2001
		JP	9173338 A	08-07-1997
		US	5899674 A	04-05-1999
DE 3822011 A	11-01-1990	DE	3822011 A1	11-01-1990