

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/074251

**A. CLASSIFICATION OF SUBJECT MATTER***A61B 3/135*(2006.01)i; *A61B 3/15*(2006.01)i

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)

A61B

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 practicable, search terms used)

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.
X Y	EP 1109046 A1 (MOELLER WEDEL GMBH [DE]) 20 June 2001 (2001-06-20) abstract figures 1-5 paragraphs [0001], [0017], [0023] - [0027]	1-5 6-8
Y	US 2003184711 A1 (ABE TOMOYOSHI [JP] ET AL) 02 October 2003 (2003-10-02) abstract figure 1 claims 1-8 paragraph [0041] - paragraph [0061]	6-8
A	DE 975226 C (ZEISS CARL FA) 16 November 1961 (1961-11-16) the whole document	1
A	DE 4214445 A1 (ZEISS CARL FA [DE]) 11 November 1993 (1993-11-11) the whole document	1
A	US 6208460 B1 (DEGENHARDT KEITH RAYMOND [AU] ET AL) 27 March 2001 (2001-03-27) abstract	1

 Further documents are listed in the continuation of Box C. See patent family 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 application or patent 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

“&amp;” document member of the same patent family

Date of the actual completion of the international search

16 November 2018

Date of mailing of the international search report

26 November 2018

Name and mailing address of the ISA/EP

European Patent Office  
p.b. 5818, Patentlaan 2, 2280 HV Rijswijk  
Netherlands

Telephone No. (+31-70)340-2040

Facsimile No. (+31-70)340-3016

Authorized officer

Tommaseo, Giovanni

Telephone No.

**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.

**PCT/EP2018/074251**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
EP	1109046	A1	20 June 2001	AT	225046	T	15 October 2002
				DE	59902878	D1	31 October 2002
				EP	1109046	A1	20 June 2001
				US	2002018292	A1	14 February 2002
US	2003184711	A1	02 October 2003	JP	2003290143	A	14 October 2003
				US	2003184711	A1	02 October 2003
DE	975226	C	16 November 1961	NONE			
DE	4214445	A1	11 November 1993	NONE			
US	6208460	B1	27 March 2001	NONE			