

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference II01P095WO	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2018/084059	International filing date ( <i>day/month/year</i> ) 7 December 2018 (07-12-2018)	(Earliest) Priority Date ( <i>day/month/year</i> )
Applicant  PIXIUM VISION SA		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed  
 a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b.  This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6*bis*(a)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box No. II)

3.  **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant  
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant  
 the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1A  
 as suggested by the applicant  
 as selected by this Authority, because the applicant failed to suggest a figure  
 as selected by this Authority, because this figure better characterizes the invention
- b.  none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2018/084059

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61N1/375  
ADD.  
  
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)  
A61N A61B H01L

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	US 2013/330498 A1 (HOGG ANDREAS [CH] ET AL) 12 December 2013 (2013-12-12) paragraphs [0029] - [0051]; figures 1-2, 4 -----	1-39
X	US 2011/039050 A1 (HOGG ANDREAS [CH] ET AL) 17 February 2011 (2011-02-17) paragraphs [0017] - [0027]; figures 1-2 -----	1-39
A	US 2016/120472 A1 (KUB FRANCIS J [US] ET AL) 5 May 2016 (2016-05-05) the whole document -----	1-39
A	US 2016/284853 A1 (PHAM DUY VU [DE] ET AL) 29 September 2016 (2016-09-29) the whole document -----	1-39

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
- "&" document member of the same patent family

Date of the actual completion of the international search  25 July 2019	Date of mailing of the international search report  05/08/2019
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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, Fax: (+31-70) 340-3016	Authorized officer  Smit, Jos
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/EP2018/084059
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2013330498	A1	12-12-2013	AU 2013206095 A1 09-01-2014 CA 2817328 A1 07-12-2013 CO 7140288 A1 12-12-2014 EP 2687256 A1 22-01-2014 JP 2013255792 A 26-12-2013 US 2013330498 A1 12-12-2013 US 2015297801 A1 22-10-2015
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US 2011039050	A1	17-02-2011	AU 2010283553 A1 05-04-2012 CA 2770611 A1 17-02-2011 EP 2464421 A2 20-06-2012 PL 2464421 T3 28-04-2017 US 2011039050 A1 17-02-2011 WO 2011018709 A2 17-02-2011
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US 2016120472	A1	05-05-2016	NONE
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US 2016284853	A1	29-09-2016	CN 105917471 A 31-08-2016 EP 2874187 A1 20-05-2015 EP 3069385 A1 21-09-2016 JP 2017503336 A 26-01-2017 KR 20160086366 A 19-07-2016 RU 2016121714 A 20-12-2017 TW 201535751 A 16-09-2015 US 2016284853 A1 29-09-2016 WO 2015071344 A1 21-05-2015
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