

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/073932

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G06K 9/00</i> (2006.01)i; <i>G06K 9/46</i> (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) G06K		
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 2015015697 A1 (REDDEN LEE KAMP [US] ET AL) 15 January 2015 (2015-01-15) abstract figures 1-19 paragraph [0015] - paragraph [0016] paragraph [0026] - paragraph [0062] paragraph [0067] - paragraph [0118] paragraph [0122] - paragraph [0127]	1-17
A	Tobi Delbruck. "Dynamic Vision Sensor (DVS) -asynchronous temporal contrast silicon retina" 14 April 2014 (2014-04-14), Retrieved from the Internet: http://siliconretina.ini.uzh.ch/wiki/index.php Go FEB APR APR 14 2016 2017 2018 34 [retrieved on 2018-11-08] XP055522343 the whole document	1-17
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 15 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 Karwe, Markus Telephone No.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Midopt. "DB660/850 Dual Bandpass Red + 850nm NIR" 23 June 2017 (2017-06-23), pages 1-3, Retrieved from the Internet: https://web.archive.org/web/20170623070705/http://midopt.com/filters/db660850/ [retrieved on 2018-11-08] XP055522253 the whole document	1-17
A	US 2015379702 A1 (ULMAN MORRISON [US]) 31 December 2015 (2015-12-31) abstract figures 1-7 paragraph [0037] - paragraph [0039]	1-17
A	WO 2012122988 A1 (UNIV SYDDANSK [DK]; JOERGENSEN RASMUS NYHOLM [DK]; KRUEGER NORBERT [DK]) 20 September 2012 (2012-09-20) abstract figures 1-6 page 1 - page 10	1-17

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/EP2018/073932

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
US	2015015697	A1	15 January 2015	EP	3032946	A2	22 June 2016
				US	2015015697	A1	15 January 2015
				US	2017219711	A1	03 August 2017
				WO	2015006675	A2	15 January 2015

US	2015379702	A1	31 December 2015	US	2015379702	A1	31 December 2015
				US	2016217562	A1	28 July 2016

WO	2012122988	A1	20 September 2012	AU	2012228772	A1	17 October 2013
				CA	2829705	A1	20 September 2012
				EP	2685813	A1	22 January 2014
				US	2014001276	A1	02 January 2014
				WO	2012122988	A1	20 September 2012
