

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/101472

**A. CLASSIFICATION OF SUBJECT MATTER**

H01L 27/32(2006.01)i; H01L 51/56(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)

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)

CNABS; CNKI; SIPOABS; DWPI: 滤光膜, 滤光层, 基板, 衬底, 阳极, 阵列, 阻水层, 阻水膜, 驱动背板, 电极, color filter film, color filter layer, substrate, anode, array, water proof, water tight, drive backplane, electrode

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107527941 A (BLACK COW FOOD CO., LTD.) 29 December 2017 (2017-12-29) description, paragraphs 0033-0066, and figures 1-10	1-16
X	CN 106098954 A (BOE TECHNOLOGY GROUP CO., LTD. ET AL.) 09 November 2016 (2016-11-09) description, paragraphs 0053-0065, and figures 3 and 6	1, 8, 11-13
Y	CN 106098954 A (BOE TECHNOLOGY GROUP CO., LTD. ET AL.) 09 November 2016 (2016-11-09) description, paragraphs 0053-0065, and figures 3 and 6	7, 9, 10, 15, 16
Y	CN 104112764 A (BOE TECHNOLOGY GROUP CO., LTD.) 22 October 2014 (2014-10-22) description, paragraphs 0057-0058, and figure 1	7, 9, 10, 15, 16
A	US 9236418 B2 (SEMICONDUCTOR ENERGY LAB) 12 January 2016 (2016-01-12) entire document	1-16
A	CN 103268921 A (SHANGHAI TIANMA MICRO-ELECTRONICS CO., LTD.) 28 August 2013 (2013-08-28) entire document	1-16

 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

12 November 2018

Date of mailing of the international search report

26 November 2018

Name and mailing address of the ISA/CN

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

International application No.

**PCT/CN2018/101472**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	107527941	A	29 December 2017	None			
CN	106098954	A	09 November 2016	CN	106098954	B	27 February 2018
CN	104112764	A	22 October 2014	EP	3166149	A1	10 May 2017
				US	2016254483	A1	01 September 2016
				WO	2016000393	A1	07 January 2016
				EP	3166149	A4	21 February 2018
				US	9722205	B2	01 August 2017
US	9236418	B2	12 January 2016	US	2014124771	A1	08 May 2014
CN	103268921	A	28 August 2013	CN	103268921	B	20 April 2016