

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2017/106492

## A. CLASSIFICATION OF SUBJECT MATTER

G02F 1/13357 (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)

G02F-; G02B-

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)

WPI, EPODOC, CNPAT, CNKI: 背光, 石墨, 导热, 圆弧, 圆曲, 弧, 散热, 弯, camber, graphite, backlight, curve, heat, circle, arc, flexibility, bend

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| A         | CN 206147229 U (TRULY SEMICONDUCTORS CO., LTD.), 03 May 2017 (03.05.2017), description, paragraphs [0020]-[0031], and figure 1              | 1-20                  |
| PX        | CN 107229160 A (WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.), 03 October 2017 (03.10.2017), description, paragraphs [0033]-[0046] | 1-20                  |
| A         | CN 205157931 U (TCL DISPLAY TECHNOLOGY (HUIZHOU) COMPANY LIMITED), 13 April 2016 (13.04.2016), entire document                              | 1-20                  |
| A         | CN 205665500 U (TRULY SEMICONDUCTORS CO., LTD.), 26 October 2016 (26.10.2016), entire document  | 1-20                  |
| A         | CN 203223889 U (SHANGHAI DINGWEI SOFTWARE TECHNOLOGY CO., LTD.), 02 October 2013 (02.10.2013), entire document                              | 1-20                  |
| A         | JP 2007184392 A (TAIKA K.K.), 19 July 2007 (19.07.2007), entire document  | 1-20                  |
| A         | US 2015369994 A1 (SAMSUNG DISPLAY CO., LTD.), 24 December 2015 (24.12.2015), entire document  | 1-20                  |

Further documents are listed in the continuation of Box C.

See patent family annex.

|   |   |
|---|---|
| <p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“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)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p> | <p>“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</p> <p>“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</p> <p>“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</p> <p>“&amp;” document member of the same patent family</p> |
|---|---|

Date of the actual completion of the international search  
05 March 2018

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23 March 2018

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

International application No.  
PCT/CN2017/106492

| Patent Documents referred in the Report | Publication Date | Patent Family    | Publication Date |
|---|------------------|------------------|------------------|
| CN 206147229 U                          | 03 May 2017      | None             |                  |
| CN 107229160 A                          | 03 October 2017  | None             |                  |
| CN 205157931 U                          | 13 April 2016    | None             |                  |
| CN 205665500 U                          | 26 October 2016  | None             |                  |
| CN 203223889 U                          | 02 October 2013  | None             |                  |
| JP 2007184392 A                         | 19 July 2007     | None             |                  |
| US 2015369994 A1                        | 24 December 2015 | KR 20160000500 A | 05 January 2016  |
|   |                  | US 9733423 B2    | 15 August 2017   |