

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2015/090757

A. CLASSIFICATION OF SUBJECT MATTER

G02F 1/29 (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

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; CNKI; CNPAT: 3D, three d dimension+, display, liquid w crystal, pixel?, parallax, 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 104635399 A (BOE TECHNOLOGY GROUP CO., LTD. et al.) 20 May 2015 (20.05.2015) claims 1-8, description, pages 1 and 2, 3-5, and figures 1-4 | 1-11 |
| PX | CN 104599626 A (BOE TECHNOLOGY GROUP CO., LTD. et al.) 06 May 2015 (06.05.2015) claims 1-10, description, pages 4-6, and figures 1-9 | 1-11 |
| PX | CN 104570370 A (BOE TECHNOLOGY GROUP CO., LTD.) 29 April 2015 (29.04.2015) claims 1-10, description, pages 4-7 and figures 1-11 | 1-11 |
| Y | CN 102681244 A (SONY CORP.) 19 September 2012 (19.09.2012) description, pages 3-9, and figures 1-11 | 1-11 |
| Y | CN 103984163 A (BOE TECHNOLOGY GROUP CO., LTD.) 13 August 2014 (13.08.2014) description, pages 37-39, figure 2 | 1-11 |
| Y | CN 103472650 A (SHENZHEN SUPER PERFECT OPTOELECTRONICS CO., LTD.) 25 December 2013 (25.12.2013) description, pages 45-59, paragraph [0075] and figures 2-4 | 5, 11 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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|---|---|
| <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>“&” document member of the same patent family</p> |
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| <p>Date of the actual completion of the international search</p> <p style="text-align: center;">30 November 2015</p> | <p>Date of mailing of the international search report</p> <p style="text-align: center;">15 December 2015</p> |
| <p>Name and mailing address of the ISA</p> <p>State Intellectual Property Office of the P. R. China</p> <p>No. 6, Xitucheng Road, Jimenqiao</p> <p>Haidian District, Beijing 100088, China</p> <p>Facsimile No. (86-10) 62019451</p> | <p>Authorized officer</p> <p style="text-align: center;">WANG, Haifeng</p> <p>Telephone No. (86-10) 010-62413550</p> |

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | CN 1619358 A (TOSHIBA KK) 25 May 2005 (25.05.2005) the whole document | 1-11 |
| A | CN 103389597 A (INNOCOM TECHNOLOGY SHENZHEN CO., LTD. et al.) 13 November 2013 (13.11.2013) the whole document | 1-11 |
| A | US 2012075434 A1 (KIM HWI et al.) 29 March 2012 (29.03.2012) the whole document | 1-11 |
| A | CN 104319283 A (BOE TECHNOLOGY GROUP CO., LTD. et al.) 28 January 2015 (28.01.2015) the whole document | 1-11 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2015/090757

| Patent Documents referred in the Report | Publication Date | Patent Family | Publication Date |
|---|-------------------|------------------|-------------------|
| CN 104635399 A | 20 May 2015 | None | |
| CN 104599626 A | 06 May 2015 | None | |
| CN 104570370 A | 29 April 2015 | None | |
| CN 102681244 A | 19 September 2012 | JP 2012189885 A | 04 October 2012 |
| | | US 2012229457 A1 | 13 September 2012 |
| CN 103984163 A | 13 August 2014 | WO 2015165170 A1 | 05 November 2015 |
| CN 103472650 A | 25 December 2013 | None | |
| CN 1619358 A | 25 May 2005 | US 2005083246 A1 | 21 April 2005 |
| | | US 2012139911 A1 | 07 June 2012 |
| | | CN 100516976 C | 22 July 2009 |
| | | JP 4015090 B2 | 28 November 2007 |
| | | JP 2005086414 A | 31 March 2005 |
| | | US 2011043615 A1 | 24 February 2011 |
| | | US 7834903 B2 | 16 November 2010 |
| | | KR 100637362 B1 | 23 October 2006 |
| | | KR 20050025935 A | 14 March 2005 |
| | | US 8125513 B2 | 28 February 2012 |
| CN 103389597 A | 13 November 2013 | None | |
| US 2012075434 A1 | 29 March 2012 | KR 20120032197 A | 05 April 2012 |
| | | US 9143765 B2 | 22 September 2015 |
| CN 104319283 A | 28 January 2015 | None | |