

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2017/096347

## A. CLASSIFICATION OF SUBJECT MATTER

G09G 3/00 (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)

G09G, G01R

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)

CNPAT, CNKI, WPI, EPODOC: 华星光电, 黄耀立, 触控, 触摸, 电极, 短路, 通路, 回路, 连通, 测试, 开路, 断路, 邻近, 相邻, 液晶, touch, LCD, short, open, test, detect, circuit, electrode

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 106291216 A (WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.), 04 January 2017 (04.01.2017), description, paragraphs [0002]-[0004] and [0045]-[0054], and figures 1 and 2	1-10
A	CN 103529354 A (BOE TECHNOLOGY GROUP CO., LTD.), 22 January 2014 (22.01.2014), entire document	1-10
A	CN 104281323 A (SHANGHAI TIANMA MICRO-ELECTRONICS CO., LTD. et al.), 14 January 2015 (14.01.2015), entire document	1-10
A	CN 106771817 A (BOE TECHNOLOGY GROUP CO., LTD. et al.), 31 May 2017 (31.05.2017), entire document	1-10
A	CN 105093025 A (SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.), 25 November 2015 (25.11.2015), entire document	1-10
A	US 2010013507 A1 (AU OPTRONICS CORPORATION), 21 January 2010 (21.01.2010), entire document	1-10

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>
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05 March 2018

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27 March 2018

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

International application No.  
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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 106291216 A	04 January 2017	None	
CN 103529354 A	22 January 2014	CN 103529354 B	05 October 2016
		US 9746509 B2	29 August 2017
		US 2015355257 A1	10 December 2015
		WO 2015062302 A1	07 May 2015
CN 104281323 A	14 January 2015	CN 104281323 B	15 August 2017
CN 106771817 A	31 May 2017	None	
CN 105093025 A	25 November 2015	WO 2017028366 A1	23 February 2017
		US 2017160844 A1	08 June 2017
US 2010013507 A1	21 January 2010	TW I370257 B	11 August 2012
		US 8008584 B2	30 August 2011
		TW 201003092 A	16 January 2010