

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/103546

A. CLASSIFICATION OF SUBJECT MATTER		
G09G 3/20(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		
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)		
CNTXT; CNABS; CNKI; VEN: 屏蔽, 信号, 时序, 控制, 遮蔽, 使能, 重叠, 启动, 定时, 信号, 降噪, 数据, data, signal, mask, enable, overlay, time, control, register		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107507552 A (BOE TECHNOLOGY GROUP CO., LTD. ET AL.) 22 December 2017 (2017-12-22) description, paragraphs 5-115, and figures 1-6	1-22
X	CN 102542967 A (LG DISPLAY CO., LTD.) 04 July 2012 (2012-07-04) description, paragraphs 15-55, and figures 1-5B	1-22
A	CN 103177682 A (BOE TECHNOLOGY GROUP CO., LTD. ET AL.) 26 June 2013 (2013-06-26) entire document	1-22
A	CN 1975523 A (LG PHILIPS LCD CO., LTD.) 06 June 2007 (2007-06-06) entire document	1-22
A	US 2015206492 A1 (SAMSUNG DISPLAY CO., LTD.) 23 July 2015 (2015-07-23) entire document	1-22
A	US 2010309237 A1 (SAMSUNG ELECTRONICS CO., LTD.) 09 December 2010 (2010-12-09) entire document	1-22
<input 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		Date of mailing of the international search report
09 November 2018		28 November 2018
Name and mailing address of the ISA/CN		Authorized officer
State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China		
Facsimile No. (86-10)62019451		Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN 107507552 A	22 December 2017	None	
CN 102542967 A	04 July 2012	US 8970466 B2 KR 101332484 B1 KR 20120065582 A US 2012146980 A1 CN 102542967 B	03 March 2015 26 November 2013 21 June 2012 14 June 2012 06 May 2015
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CN 1975523 A	06 June 2007	CN 100565287 C KR 101081765 B1 GB 2432708 A US 2007126686 A1 GB 2432708 B US 8976101 B2 GB 0623765 D0 KR 20070055817 A	02 December 2009 09 November 2011 30 May 2007 07 June 2007 13 February 2008 10 March 2015 10 January 2007 31 May 2007
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US 2010309237 A1	09 December 2010	US 8836612 B2 KR 20100132122 A KR 101573850 B1	16 September 2014 17 December 2010 02 December 2015