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(54) Title: DRIVING METHODS FOR ELECTRO-OPTIC DISPLAYS

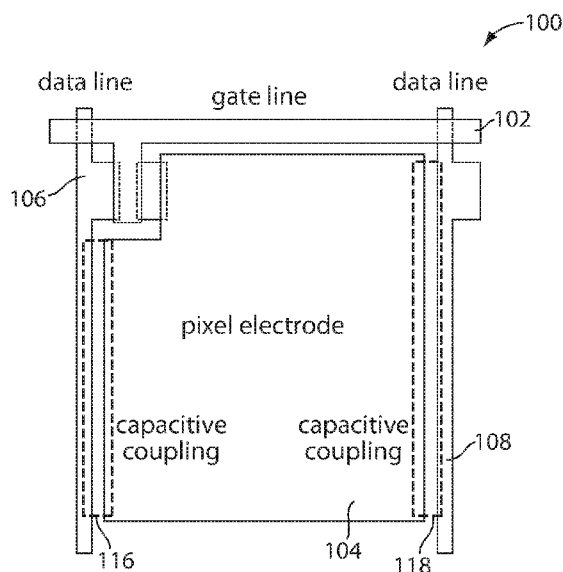


Figure 1

(57) Abstract: A driving method an electro-optic display having a plurality of display pixels, the method include applying a first set of waveform to a first display pixel, the first set of waveform having at least one active portion configured to affect the optical state of the first display pixel and at least one non-active portion configured not to substantially affect the optical state of the first display pixel. The method also include applying a second set of waveform to a second display pixel, the second set of waveform having at least one active portion configured to affect the optical state of the second display pixel and at least one non-active portion configured not to substantially affect the optical state of the second display pixel, where the at least one active portions of the first and second set of waveforms do not overlap in time.



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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 SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
G09G 3/20; G09G 3/36; G09G 3/32; H04N 13/04Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: first voltage, second voltage, active portion, pixel, cross-talk**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2014-0160111 A1 (BEIJING BOE DISPLAY TECHNOLOGY CO., LTD. et al.) 12 June 2014 See paragraphs [0036]-[0051]; claim 1; and figures 1-2.	1-7
A	US 2007-0210999 A1 (JAE DO LEE) 13 September 2007 See paragraphs [0040]-[0064]; claims 1-4; and figures 4, 8.	1-7
A	KR 10-2008-0044454 A (LG DISPLAY CO., LTD.) 21 May 2008 See paragraphs [0030]-[0044]; claims 1-2; and figures 4-5.	1-7
A	US 2016-0078836 A1 (SAMSUNG DISPLAY CO. LTD.) 17 March 2016 See paragraphs [0062]-[0091]; claims 1-2; and figures 3-5.	1-7
A	KR 10-2007-0081711 A (SAMSUNG ELECTRONICS CO., LTD.) 17 August 2007 See paragraphs [0028]-[0043]; claim 1; and figures 1-3.	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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