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(54) **Liquid crystal display and driving method of the same**

(57) A display includes a ferroelectric liquid crystal material (42) having an asymmetric polarity response property, a section (32A, 32B) which applies an image signal to a pixel of the material (42) for every two fields forming one frame, and a controller (32C) which reverses the polarity of the signal in one frame period. Particularly, the controller (32C) is configured that the polarity of the signal is reversed in a selected one of first and second manners, the first manner initiating a signal amplitude change from a polarity in which a larger response of the material is obtainable, the second manner initiating a signal amplitude change from a polarity in which a smaller response of the material is obtainable, and the selected manner being smaller in the total of brightness deviation generated in a frame immediately after the change for each of predetermined brightness transitions.

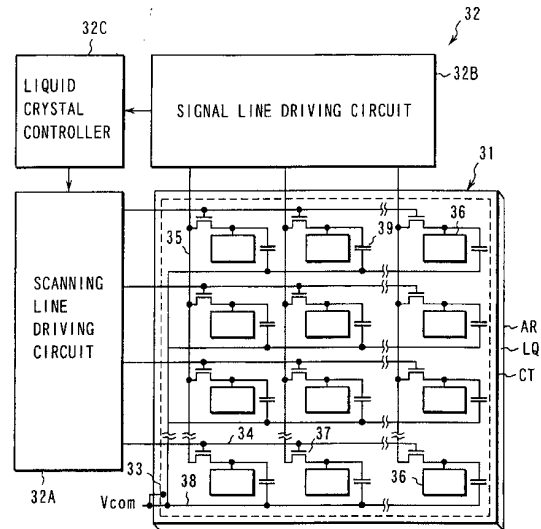


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 920 301 A (OGURA JUN ET AL) 6 July 1999 (1999-07-06) * column 5, line 39 - line 67 * * column 9, line 42 - line 45 * * column 15, line 23 - column 17, line 23; figure 16 *	1,8,15	G09G3/36
D,A	--- JP 2000 010076 A (CANON INC) 14 January 2000 (2000-01-14) * paragraphs [0098]-[0103]; figures 8,15 * -----	1,2,8,9, 15,16	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G09G
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		30 July 2003	Amian, D
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>----- & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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