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# EUROPEAN PATENT APPLICATION

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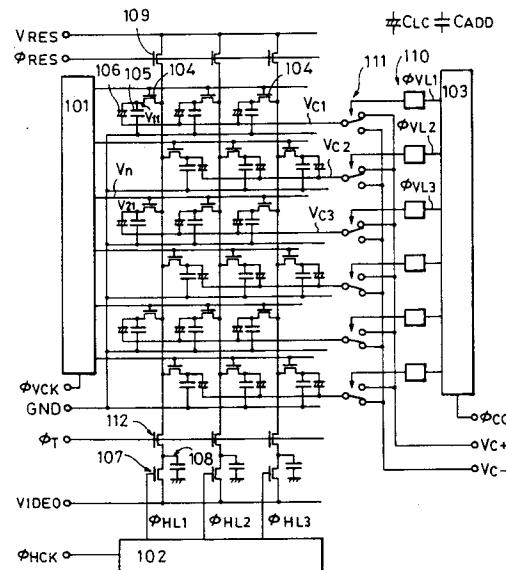
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## 54 Liquid crystal display.

57) A liquid crystal display includes a liquid crystal sealed in a space between a pair of substrates through the intermediary of a spacer, and electrodes provided on the substrates for applying voltages between selected electrodes on one of the substrates and corresponding ones on the other so as to control the orientation of the liquid crystal in order to effect displays. While one of the substrates is an active-matrix substrate on which pixel electrodes are disposed in a matrix pattern with a transistor being disposed for each pixel electrode, the other substrate supports thereon both opposite electrodes divided into sections parallel with scanning lines and a potential controlling device for controlling the potential of the opposite electrodes. Since the opposite electrodes are inverted and driven by the potential controlling device on the same substrate as the opposite electrodes, power consumption can be decreased while the number of wiring elements between the substrates is decreased to improve reliability.

FIG. I





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## EUROPEAN SEARCH REPORT

**Application Number**

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)		
X	EP-A-0 224 388 (NEC CO.)	1-3	G09G3/36		
Y	* Abstract *	4	G02F1/1343		
	* column 1, line 27 - column 2, line 36; figures 4,5 *				
	* column 5, line 61 - column 7, line 57 *				
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X	EP-A-0 336 570 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.)	1-3			
Y	* Abstract *	4			
	* column 9, line 18 - line 46; figures 1,6,7 *				
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Y	EP-A-0 179 922 (HOSIDEN ELECTRONICS CO. LTD.)	4			
	* Abstract *				
	* figure 7 *				
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			TECHNICAL FIELDS SEARCHED (Int.Cl.5)		
			G09G G02F		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
THE HAGUE	13 May 1994	Corsi, F			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
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