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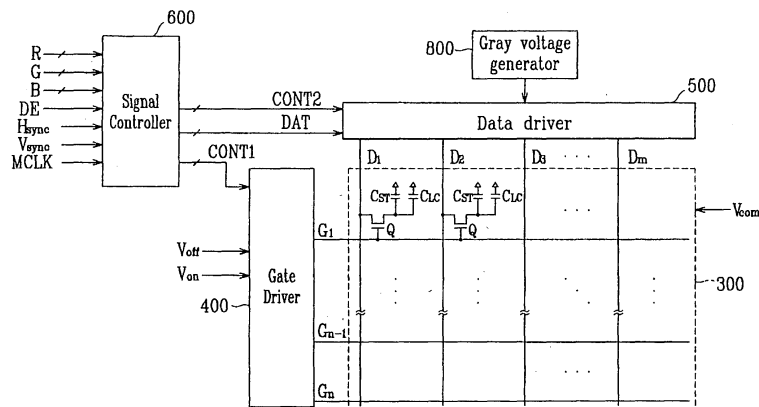
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(54) **Liquid crystal display device and driving method therefor**

(57) A liquid crystal display is provided, which includes: a plurality of pixel row groups, each pixel row group including at least one pixel row that includes a plurality of pixels arranged in a matrix and including switching elements; a plurality of gate lines connected to the

switching elements and transmitting a gate-on voltage for turning on the switching elements; and a plurality of data lines connected to the switching elements and transmitting data voltages, wherein the switching elements in adjacent pixel row groups are connected to the data lines at opposite sides.

FIG. 1



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2002/080295 A1 (SOMEYA SAKAE [JP] ET AL) 27 June 2002 (2002-06-27) * paragraph [0008] * * paragraph [0109] - paragraph [0112] * * figures 3,9 *	1,2,9	INV. G02F1/1362 G09G3/36
Y	* paragraphs [0066], [0079] * -----	3,4, 10-12	
Y	US 6 327 008 B1 (FUJIYOSHI TATSUMI [JP]) 4 December 2001 (2001-12-04) * column 3, line 1 - line 9 * * figures 10A,10B,11 *	3,4, 10-12	
P,X	US 2004/090561 A1 (SONG SANG MOO [KR]) 13 May 2004 (2004-05-13) * paragraph [0013] - paragraph [0022] * * paragraph [0049] - paragraph [0053] * -----	1-4,9-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			G02F G09G
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 February 2007	Examiner Petitpierre, Olivier
CATEGORY OF CITED DOCUMENTS 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 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 & : member of the same patent family, corresponding document			

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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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专利名称(译)	液晶显示装置及其驱动方法		
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摘要(译)

提供一种液晶显示器，包括：多个像素行组，每个像素行组包括至少一个像素行，所述像素行包括以矩阵排列并包括开关元件的多个像素；多条栅极线，连接到开关元件，并传输栅极导通电压，用于导通开关元件；多个数据线连接到开关元件并传输数据电压，其中相邻像素行组中的开关元件连接到相对侧的数据线。

FIG. 1

