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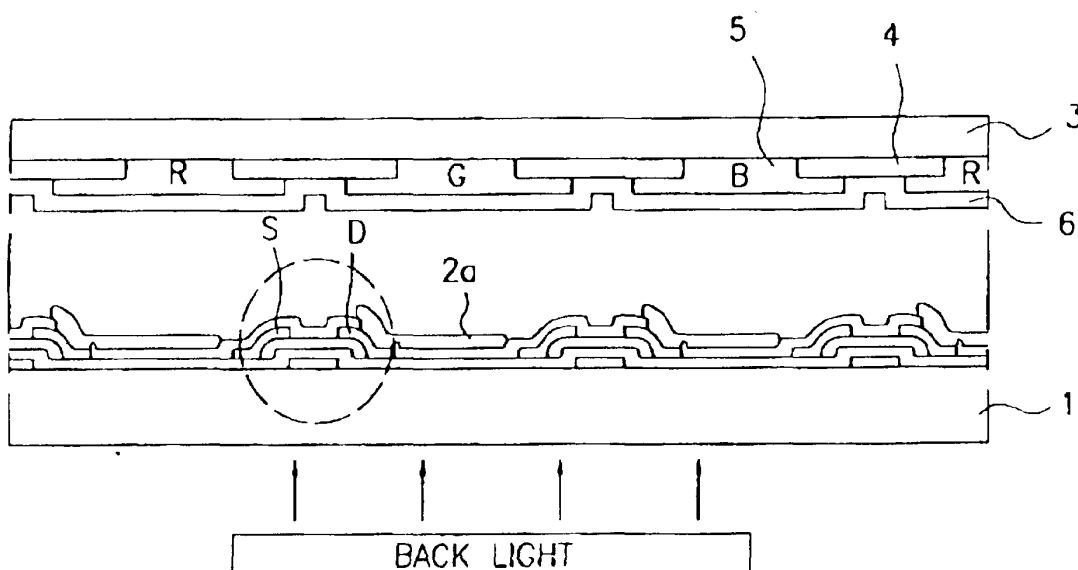
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(54) **Gate driver for a liquid crystal display**

(57) There is provided a gate driver of liquid crystal display, having a high resolution and being able to be manufactured at low cost. A gate driver for liquid crystal display including first and second plates and liquid crystal being sealed therebetween, the gate driver comprising: a shift register for shifting a vertical synchronous

signal pulse depending on a gate pulse clock, a logic circuit for selectively receiving a plurality of output signals of the shift register, logically operating them and outputting them; a level shifter for shifting the output of the logic circuit to a predetermined level, to sequentially output it; and an output buffer for sequentially applying the level-shifted signal to scanning lines.

FIG.1





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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 December 2000	Examiner Corsi, F
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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Application Number
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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 (Int.Cl.7)
A	ASADA H ET AL: "A 2.7IN. 1.3MPIXEL DRIVER-INTEGRATED POLY-SI TFT-LCD FOR MULTIMEDIA PROJECTORS" , IEEE INTERNATIONAL SOLID STATE CIRCUITS CONFERENCE,US,IEEE INC. NEW YORK, VOL. 39, PAGE(S) 190-191,442 XP000685591 ISSN: 0193-6530 * page 190, left-hand column, paragraphs 1-3; figures 1,2 * -----	1-3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 December 2000	Examiner Corsi, F
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
ON EUROPEAN PATENT APPLICATION NO.**

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专利名称(译)	用于液晶显示器的栅极驱动器		
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优先权	1019990020721 1999-06-04 KR		
其他公开文献	EP1061498A2 EP1061498B1		
外部链接	Espacenet		

摘要(译)

提供一种液晶显示器的栅极驱动器，具有高分辨率并且能够以低成本制造。一种用于液晶显示器的栅极驱动器，包括第一和第二板以及密封在其间的液晶，栅极驱动器包括：移位寄存器，用于根据栅极脉冲时钟移位垂直同步信号脉冲；逻辑电路，用于选择性地接收多个移位寄存器的输出信号，逻辑运算并输出；电平移位器，用于将逻辑电路的输出移位到预定电平，以顺序输出它；输出缓冲器，用于将电平移位信号顺序地施加到扫描线。

FIG. 1

