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(54) **Liquid crystal display device**

(57) A liquid crystal display device includes a liquid crystal panel, a backlight, a luminance control instruction receiving component, an inverter circuit, a backlight control component and an image quality adjustment component. The liquid crystal panel displays an image. The backlight emits light to the liquid crystal panel. The luminance control instruction receiving component receives a luminance control instruction to control a luminance of the liquid crystal display device. The inverter circuit controls the light of the backlight. The backlight control com-

ponent sets a backlight control amount for controlling the inverter circuit within a specific range based on the luminance control instruction when the luminance control instruction receiving component receives the luminance control instruction. The image quality adjustment component performs an image quality adjustment of the image displayed on the liquid crystal panel according to the luminance control instruction when the luminance control instruction receiving component receives the luminance control instruction.

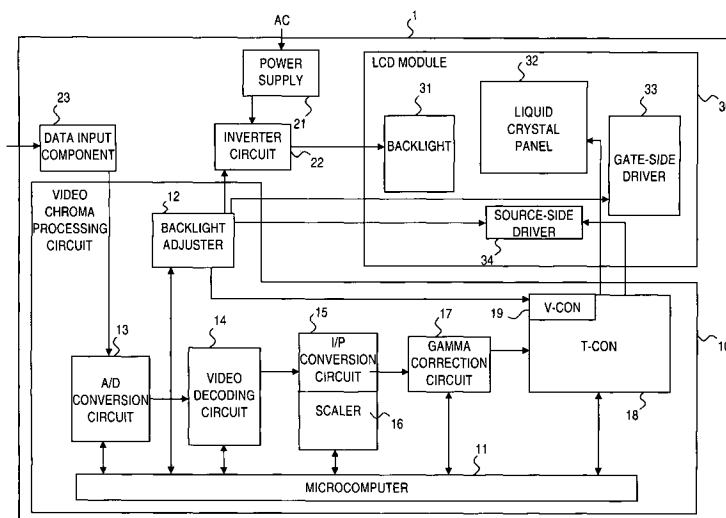


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 08 00 2556

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 2004/001076 A1 (LENG CHUNG-MING [TW] ET AL) 1 January 2004 (2004-01-01) * abstract *	1-3,13	INV. G09G3/36
Y	* paragraphs [0010] - [0018], [0024] - [0027]; figures 1,2 *	1-13	
Y	US 2006/017712 A1 (IWAKI TSUTOMU [JP]) 26 January 2006 (2006-01-26) * abstract * * paragraphs [0046], [0049], [0051] - [0053], [0056] - [0059], [0064] - [0071]; figures 2,4,7 * -----	1-13	
			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 1 October 2009	Examiner Adarska, Veneta
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 00 2556

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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01-10-2009

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US 2006017712 A1	26-01-2006	CN 1725291 A	25-01-2006
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专利名称(译)	液晶显示装置		
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[标]申请(专利权)人(译)	船井电机株式会社		
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优先权	2007032268 2007-02-13 JP		
其他公开文献	EP1959421A2		
外部链接	Espacenet		

摘要(译)

一种液晶显示装置，包括液晶面板，背光，亮度控制指令接收组件，逆变器电路，背光控制组件和图像质量调整组件。液晶面板显示图像。背光向液晶面板发光。亮度控制指令接收组件接收亮度控制指令以控制液晶显示装置的亮度。逆变器电路控制背光的光。当亮度控制指令接收组件接收到亮度控制指令时，背光控制组件基于亮度控制指令将用于控制逆变器电路的背光控制量设置在特定范围内。当亮度控制指令接收组件接收到亮度控制指令时，图像质量调整组件根据亮度控制指令执行在液晶面板上显示的图像的图像质量调整。

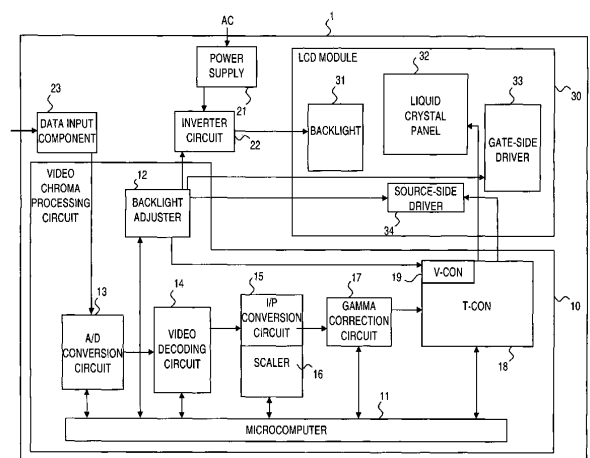


FIG. 1