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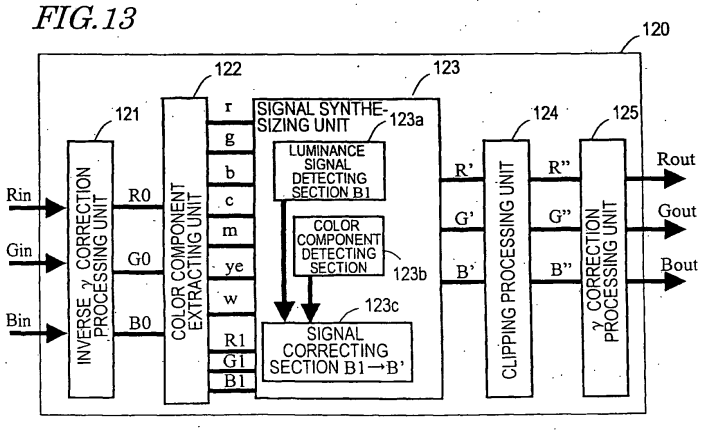
(54) Liquid crystal display device

(57) A liquid crystal display device (100) includes: a liquid crystal display panel (110) having a pixel defined by at least three sub-pixels including a blue sub-pixel; a backlight (130) which emits, toward the liquid crystal display panel (110), light that brings a color temperature to a predetermined level when the pixel displays white; and a color tone correction circuit (120) which corrects a color tone of a color displayed by the pixel. When the pixel displays a color containing at least one predetermined color component that is other than a white component and a blue.component, the color tone correction circuit (120) makes a correction to set a luminance of the blue sub-pixel lower than an original luminance.

FIG.13



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EUROPEAN SEARCH REPORT

Application Number
EP 12 00 3871

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			TECHNICAL FIELDS SEARCHED (IPC) G09G H04N

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	9 April 2014	Pichon, Jean-Michel

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
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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. EP 12 00 3871

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09-04-2014

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专利名称(译)	液晶显示装置		
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审查员(译)	PICHON，JEAN-MICHEL		
优先权	2006261410 2006-09-26 JP		
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摘要(译)

一种液晶显示装置（100），包括：液晶显示面板（110），具有由包括蓝色子像素的至少三个子像素限定的像素;背光（130），当像素显示白色时，向液晶显示面板（110）发射使色温达到预定水平的光;色差校正电路（120）校正由像素显示的颜色的色调。当像素显示包含除白色分量和蓝色分量之外的至少一个预定颜色分量的颜色时，色调校正电路（120）进行校正以将蓝色子像素的亮度设置为低于原始亮度。

FIG.13