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(54) EI display device and electronic device

(57) In an EL display device in which color purity of each of red, blue and green is different, the EL display device displaying an image of a desired balance of red, blue and green is provided. A video signal supplied to each EL element is gamma (γ)-corrected by a correction circuit, the color purity of each of blue luminescence, green luminescence, and red luminescence is suitably controlled in accordance with the voltage and current of the corrected video signal.

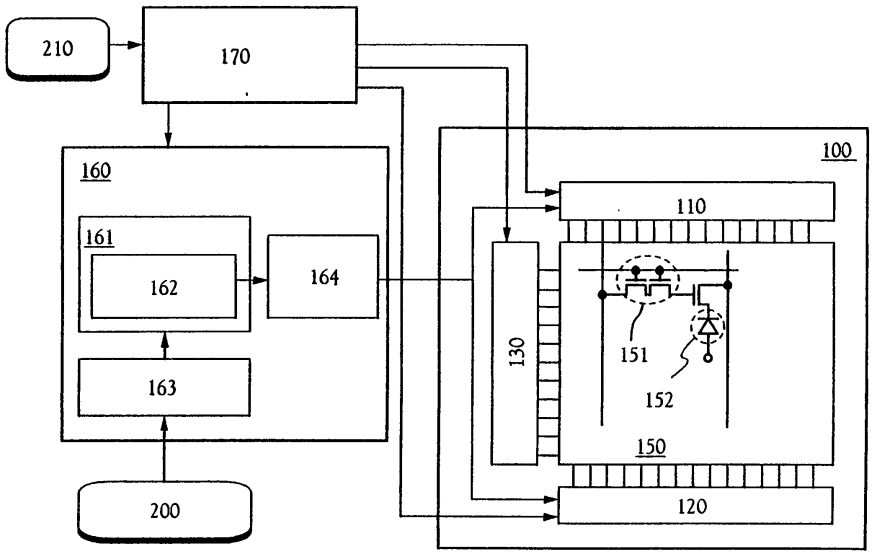

FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 10 01 2288

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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TECHNICAL FIELDS SEARCHED (IPC)

G09G
H01L

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	20 March 2012	Welter, Steve

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
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L : document cited for other reasons

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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 10 01 2288

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专利名称(译)	EI显示设备和电子设备		
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申请号	EP2010012288	申请日	2000-09-07
[标]申请(专利权)人(译)	株式会社半导体能源研究所		
申请(专利权)人(译)	半导体能源研究所CO.，LTD.		
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IPC分类号	H01L27/00 G09G3/32 H01L27/32 H04N5/202 C09K11/06 G09F9/30 G09G3/20 G09G3/30 H01L21/77 H01L21/84 H01L31/12 H01L51/50 H04N5/70 H04N9/12 H04N9/30 H05B33/04 H05B33/12 H05B33/14		
CPC分类号	G09G3/3233 G09G2300/0842 G09G2320/0233 G09G2320/0242 G09G2320/0276 G09G2320/029 G09G2320/043 H01L27/1214 H01L27/3211 H01L27/322 H01L27/3244		
代理机构(译)	GRÜNECKER，KINKELDEY，STOCKMAIR & SCHWANHÄUSSER		
优先权	1999271235 1999-09-24 JP		
其他公开文献	EP2276064B1 EP2276064A2		
外部链接	Espacenet		

摘要(译)

在其中红色，蓝色和绿色各自的色纯度不同的EL显示装置中，提供了显示红色，蓝色和绿色的所需平衡的图像的EL显示装置。提供给每个EL元件的视频信号由校正电路校正γ（γ），蓝色发光，绿色发光和红色发光中的每一个的色纯度根据校正的视频信号的电压和电流适当地控制。 。

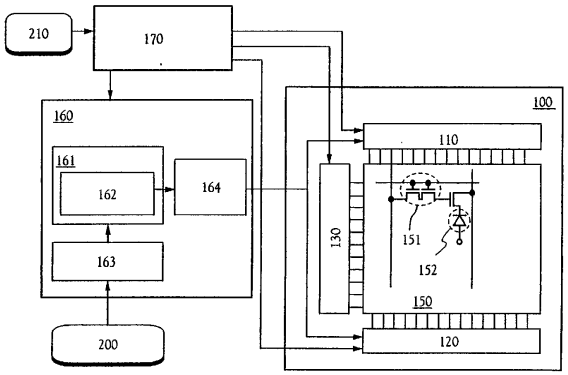

FIG. 1