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(54) **Method of driving EL display device**

(57) A method of driving an EL display device in which pseudo contours are difficult to be seen is provided. A method of driving an EL display device in which a plurality of pixels, each having a first TFT, a second TFT, a third TFT, and an organic EL element, are formed has the following: $n + m$ display periods (where n and m are both natural numbers) appear in one frame period; the

$n + m$ display periods each correspond to one bit of a digital video signal among n bits of the digital video signal; a plurality of display periods, among the $n + m$ display periods, correspond to the same bit of the digital video signal; and display periods corresponding to other bits of the digital video signal, among the $n + m$ display periods, appear during the plurality of display periods.

FIG. 1A

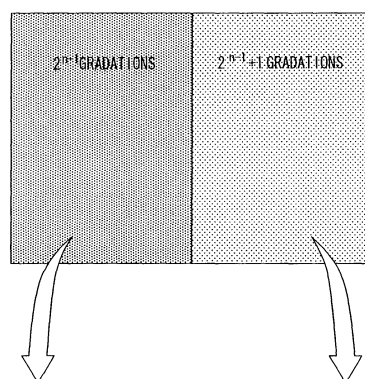
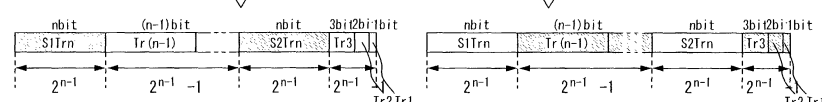


FIG. 1B





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Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 12 1175

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	INUKAI ET AL.: "4.0 in. TFT-OLED Displays and a Novel Digital Driving Method" 2000 SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS, vol. 31, 16 - 18 May 2000, pages 924-927, XP002196013 Long Beach, CA (US) * column 1, line 1 - column 7, line 8; figures 1-3,5,6 *	1-24	G09G3/32
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A	US 5 990 629 A (SHIOYA MASA HARU ET AL) 23 November 1999 (1999-11-23) * the whole document *	1-24	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 April 2002	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	

EPC FORM 1503 03.82 (P04C01)

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

EP 01 12 1175

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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12-04-2002

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专利名称(译)	驱动EL显示装置的方法		
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IPC分类号	G09G3/30 G09F9/30 G09G3/20 G09G3/32 H01L21/77 H01L21/84 H01L27/12 H01L27/32 H01L51/50 H05B33/14		
CPC分类号	G09G3/3266 G09G3/2022 G09G3/2033 G09G3/3275 G09G2300/0809 G09G2300/0842 G09G2310/0251 G09G2310/027 G09G2320/0247 G09G2320/0261 G09G2320/0266 H01L27/12 H01L27/1214		
优先权	2000267164 2000-09-04 JP		
其他公开文献	EP1184833A2		
外部链接	Espacenet		

摘要(译)

提供一种驱动EL显示装置的方法，其中难以看到伪轮廓。一种驱动EL显示器件的方法，其中多个像素分别具有第一TFT，第二TFT，第三TFT和有机EL元件。形成有以下内容：n + m个显示周期（其中n和m都是自然数）出现在一个帧周期中；n + m个显示周期分别对应于数字视频信号的n位中的一位数字视频信号；在n + m个显示周期中，多个显示周期对应于数字视频信号的相同位；在多个显示周期期间，出现与n + m个显示周期中的数字视频信号的其他位相对应的显示周期。

FIG. 1A

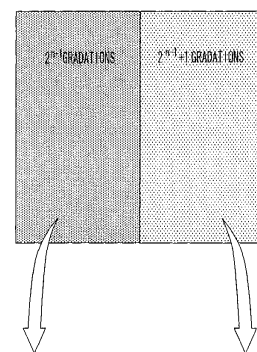


FIG. 1B

