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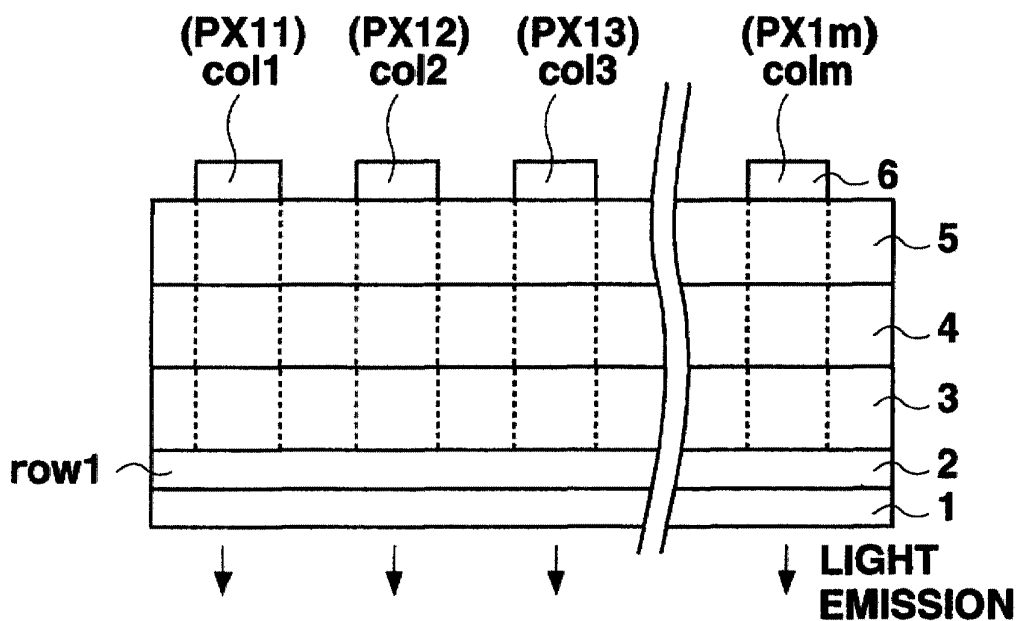
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(54) **Electroluminescence display apparatus**

(57) When one row electrode (2) has been selected with a selection signal, driving signals are supplied to column electrodes (6) so as to cause electroluminescence elements at corresponding display pixels (PX11-PXnm) to emit light. The driving period for im-

pressing the driving signals and emitting light from the corresponding display pixels is determined on the basis of the color of the display pixel that is to emit light. Thus, with a simple configuration, the brightness of each color can be made uniform without the use of pulse width modulation or the like.



**Fig. 1**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 00 30 7101

| 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) |
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| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                                              |
| Place of search<br>MUNICH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  | Date of completion of the search<br>7 August 2002 | Examiner<br>Morris, D                        |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                                              |

EPO FORM 1503 03.82 (P04C01)

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

EP 00 30 7101

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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07-08-2002

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| 专利名称(译)        | 电致发光显示装置                                                                      |         |            |
| 公开(公告)号        | <a href="#">EP1079362A3</a>                                                   | 公开(公告)日 | 2002-10-02 |
| 申请号            | EP2000307101                                                                  | 申请日     | 2000-08-18 |
| [标]申请(专利权)人(译) | 三洋电机株式会社                                                                      |         |            |
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| 发明人            | SAITO, YOSHINORI                                                              |         |            |
| IPC分类号         | G09G3/30 G09G3/20 G09G3/32 H01L51/50 H05B33/08 H05B33/12 H05B33/14            |         |            |
| CPC分类号         | G09G3/3216 G09G3/3275 G09G2300/0452 G09G2320/0233 G09G2320/0242 G09G2320/0285 |         |            |
| 优先权            | 1999240199 1999-08-26 JP                                                      |         |            |
| 其他公开文献         | EP1079362A2                                                                   |         |            |
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#### 摘要(译)

当用选择信号选择一个行电极 ( 2 ) 时, 将驱动信号提供给列电极 ( 6 ), 以使相应显示像素 ( PX11-PXnm ) 处的电致发光元件发光。用于施加驱动信号并从相应的显示像素发射光的驱动时段是基于要发光的显示像素的颜色来确定的。因此, 利用简单的配置, 可以在不使用脉冲宽度调制等的情况下使每种颜色的亮度均匀。

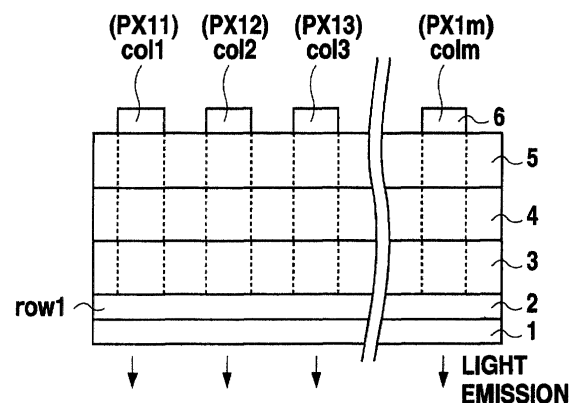


Fig. 1