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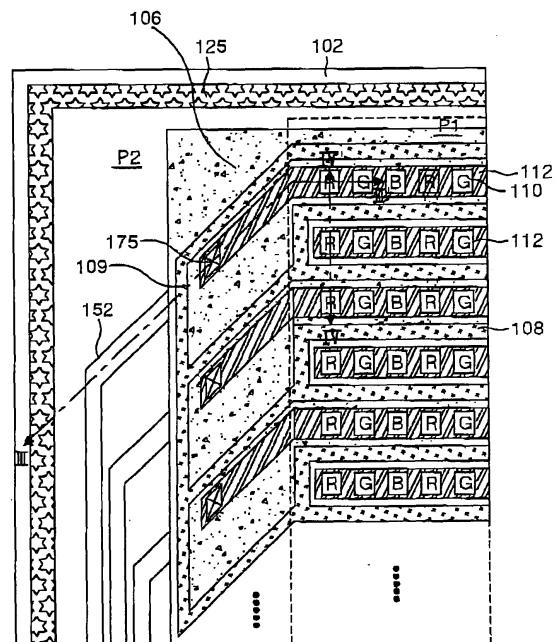
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(54) **Organic electro-luminescence display device and fabricating method thereof**

(57) An organic electro-luminescence display device and a fabricating method thereof for preventing a deterioration of light-emission efficiency and picture quality are disclosed. In the organic electro-luminescence display device, an organic electro-luminescence array has first and second electrodes provided on a substrate with having an organic light-emitting layer therebetween and a barrier rib parallel to any one of the first and second electrodes. A dummy barrier rib is connected to each of the barrier ribs and provided in such a manner to enclose the organic electro-luminescence array along with the barrier rib.

FIG. 5





| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |   |   |
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| Category  | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim   | CLASSIFICATION OF THE APPLICATION (IPC) |
| X   | US 2003/080678 A1 (KIM SEON HEE ET AL)<br>1 May 2003 (2003-05-01)   | 1-5   | H01L51/20                               |
| Y   | * paragraphs [0043] - [0047], [0051], [0056] - [0064]; figures 6-9,14-16,20-24B *   | 6-10  |   |
| Y   | -----<br>US 2003/042852 A1 (CHEN HWA-FU)<br>6 March 2003 (2003-03-06)<br>* paragraphs [0036] - [0039]; figures 2-5 *  | 6-10  |   |
| A   | -----<br>US 2002/187575 A1 (MARUYAMA JUNYA ET AL)<br>12 December 2002 (2002-12-12)<br>* paragraphs [0091], [0112] - [0124]; figures 8,14A-16B *   | 1-10  |   |
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| The present search report has been drawn up for all claims  |   |   | TECHNICAL FIELDS SEARCHED (IPC)         |
|   |   |   | H01L<br>H05B                            |
| Place of search   |   | Date of completion of the search  | Examiner                                |
| Berlin  |   | 22 March 2006   | Ledoux, S                               |
| CATEGORY OF CITED DOCUMENTS   |   | 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>.....<br>& : member of the same patent family, corresponding document |   |
| 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 |   |   |   |

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

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摘要(译)

公开了一种用于防止发光效率和图像质量劣化的有机电致发光显示装置及其制造方法。在有机电致发光显示装置中，有机电致发光阵列具有设置在基板上的第一和第二电极，其间具有有机发光层和与第一和第二电极中的任何一个平行的障肋。伪阻挡肋连接到每个障肋，并且以这样的方式设置，以将有机电致发光阵列与阻挡肋一起封闭。

FIG. 5

