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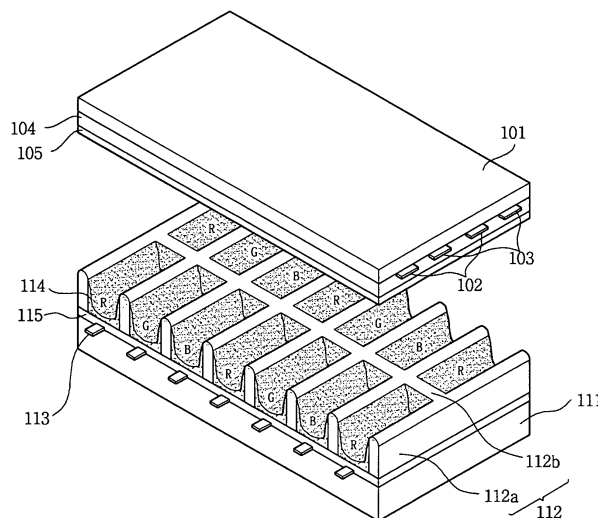
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(54) **Plasma display panel**

(57) A plasma display panel is disclosed. The plasma display panel includes a front substrate, a rear substrate, and a barrier rib. On the front substrate, a first electrode and a second electrode are formed in parallel to each other. On the rear substrate, a third electrode is formed

to intersect the first electrode and the second electrode. The barrier rib is formed between the front and the rear substrate and partitions a discharge cell. At least one of the first electrode or the second electrode is formed in the form of a single layer. An exhaust unit is omitted in the rear substrate.

FIG. 1a



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EUROPEAN SEARCH REPORT

Application Number
EP 06 02 5484

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
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| Y | * figures 2,4,5 * * page 1, line 1 - line 2 * * page 3, line 28 - page 4, line 23 * * page 6, line 26 - line 28 * * page 7, line 26 - line 32 * * page 8, line 10 - line 11 * | 2 | |
| X | US 2006/098126 A1 (SONG JUNG-SUK [KR]) 11 May 2006 (2006-05-11) * claim 1 * | 1 | |
| Y | US 2005/189877 A1 (ISHIDA MIZUHO [JP]) 1 September 2005 (2005-09-01) * paragraph [0051] * | 2 | TECHNICAL FIELDS SEARCHED (IPC) H01J |
| A | US 3 650 593 A (KEREKES BELA) 21 March 1972 (1972-03-21) * abstract * | 1 | |
| The present search report has been drawn up for all claims | | | |
| Place of search Munich | | Date of completion of the search 24 June 2009 | Examiner Rouzier, Brice |
| 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 | |

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EPO FORM 1503 03.02 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- 1, 2, 3, 9, 10
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 06 02 5484

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,2,3,9,10

A seal layer with a photo-crosslinked material.

2. claims: 1,4

A particular black layer.

3. claims: 1,5-8

A particular discharge electrode shape.

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

EP 06 02 5484

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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24-06-2009

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