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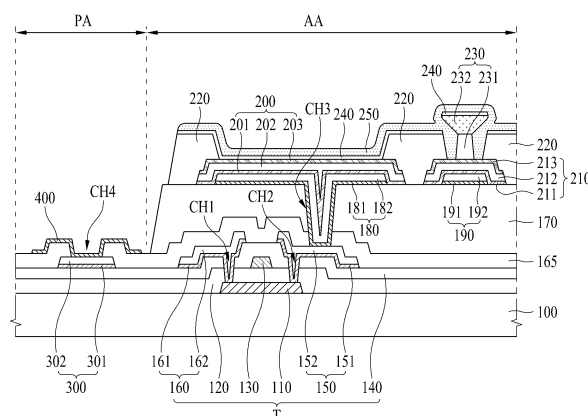
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(54) **ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND METHOD OF MANUFACTURING THE SAME**

(57) Disclosed is an organic light emitting display apparatus in which an anode electrode (180, 200), an organic emission layer (240), a cathode electrode (250), and an auxiliary electrode (190, 210) connected to the cathode electrode (250) and disposed on the same layer as that of the anode electrode (180, 200) are disposed

in an active area (AA) of the substrate (100), a signal pad (300) and a pad electrode (400) connected to the signal pad (300) and covering a top of the signal pad (300) are disposed in a pad area (PA) of the substrate (100), and a top of the pad electrode (400) is lower in oxidation rate than the top of the signal pad (300).

FIG. 2





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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 24 February 2017	Examiner Pusch, Catharina
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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			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
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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:

☐ 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 15 19 0992

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: 1-6, 11-17

two anode layers, the upper layer prevents the lower from corrosion

1.1. claims: 11, 12

passivation layer protecting the TFT

2. claim: 7

lower signal pad prevents corrosion of upper signal pad

3. claims: 8-10

two auxiliary electrode layers for adjusting the conductivity, the upper layer prevents the lower from corrosion

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

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

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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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24-02-2017

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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专利名称(译)	有机发光显示装置及其制造方法		
公开(公告)号	EP3107130A3	公开(公告)日	2017-04-05
申请号	EP2015190992	申请日	2015-10-22
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG DISPLAY CO. , LTD.		
当前申请(专利权)人(译)	LG DISPLAY CO. , LTD.		
[标]发明人	LEE JOON SUK KIM SE JUNE LEE SO JUNG JANG JIN HEE IM JONG HYEOK LEE JAE SUNG		
发明人	LEE, JOON SUK KIM, SE JUNE LEE, SO JUNG JANG, JIN-HEE IM, JONG HYEOK LEE, JAE SUNG		
IPC分类号	H01L51/52 H01L27/32 H01L51/56		
CPC分类号	H01L21/77 H01L27/3241 H01L51/5203 H01L51/56 H01L27/3218 H01L27/3246 H01L27/3248 H01L27/326 H01L27/3276 H01L27/3279 H01L51/5209 H01L51/5228 H01L51/5253 H01L2227/323 H01L27/3258		
审查员(译)	PUSCH, 凯萨琳娜		
优先权	1020150075393 2015-05-28 KR		
其他公开文献	EP3107130A2		
外部链接	Espacenet		

摘要(译)

公开了一种有机发光显示装置，其中阳极电极（180,200），有机发射层（240），阴极电极（250）和连接到阴极电极（250,250）的辅助电极）布置在基板（100）的有源区（AA）中，信号焊盘（300）和焊盘电极（400）连接到基板（100）的有源区信号焊盘（300）和覆盖信号焊盘（300）的顶部设置在衬底（100）的焊盘区域（PA）中，并且焊盘电极（400）的顶部的氧化速率低于顶部的信号焊盘（300）。

FIG. 2

