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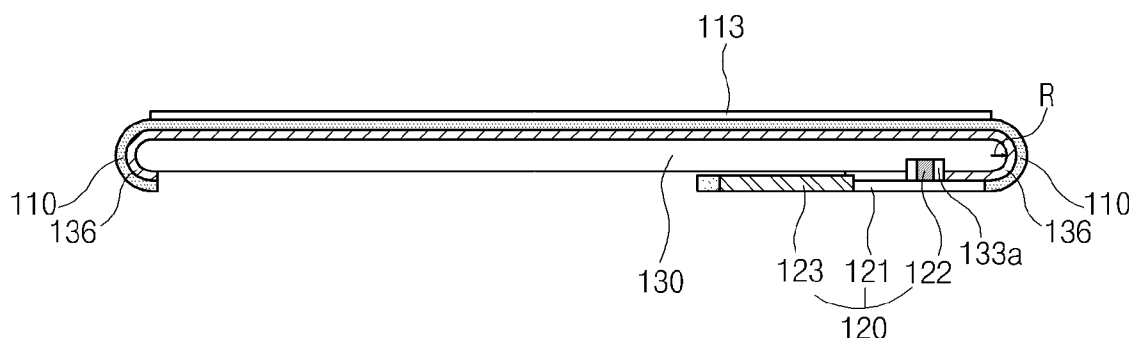
(54) **Flexible display device and method of fabricating the same**

(57) A flexible display device (100) includes a display panel (110) including a plastic substrate where an organic light emitting diode and a thin film transistor are formed; a circuit portion (120) applying a power signal and a data signal, which are supplied from an external portion, to

the display panel (110); and a support member (130) coupled to the plastic substrate, wherein the display panel (110) and the circuit portion (120) are bent around the support member (130).

**FIG. 5**

100





## EUROPEAN SEARCH REPORT

Application Number  
EP 14 17 3390

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                    |                                                                                                                                             |                                                                                                                                                                                                                                                                                       |                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Category                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages                                                               | Relevant to claim                                                                                                                                                                                                                                                                     | CLASSIFICATION OF THE APPLICATION (IPC)                                        |
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| The present search report has been drawn up for all claims                                                                                                                                                                                             |                                                                                                                                             |                                                                                                                                                                                                                                                                                       |                                                                                |
| Place of search<br><b>The Hague</b>                                                                                                                                                                                                                    |                                                                                                                                             | Date of completion of the search<br><b>9 January 2015</b>                                                                                                                                                                                                                             | Examiner<br><b>De Laere, Ann</b>                                               |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 14 17 3390

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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09-01-2015

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| 专利名称(译)        | 柔性显示装置及其制造方法                                                                                 |         |            |
| 公开(公告)号        | <a href="#">EP2827372A3</a>                                                                  | 公开(公告)日 | 2015-02-18 |
| 申请号            | EP2014173390                                                                                 | 申请日     | 2014-06-23 |
| [标]申请(专利权)人(译) | 乐金显示有限公司                                                                                     |         |            |
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| [标]发明人         | KIM JONG MOO<br>YOO JUHN SUK                                                                 |         |            |
| 发明人            | KIM, JONG-MOO<br>YOO, JUHN-SUK                                                               |         |            |
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| CPC分类号         | G09F9/301 H01L27/3276 H01L51/0097 H01L51/5281 H01L2251/5338 Y02E10/549 H01L51/56 H01L51/5293 |         |            |
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#### 摘要(译)

一种柔性显示装置 ( 100 ) , 包括显示面板 ( 110 ) , 所述显示面板包括塑料基板, 所述塑料基板形成有机发光二极管和薄膜晶体管; 电路部分 ( 120 ) 将从外部提供的电源信号和数据信号施加到显示面板 ( 110 ) ; 连接到塑料基板的支撑构件 ( 130 ) , 其中显示面板 ( 110 ) 和电路部分 ( 120 ) 围绕支撑构件 ( 130 ) 弯曲。

FIG. 5

