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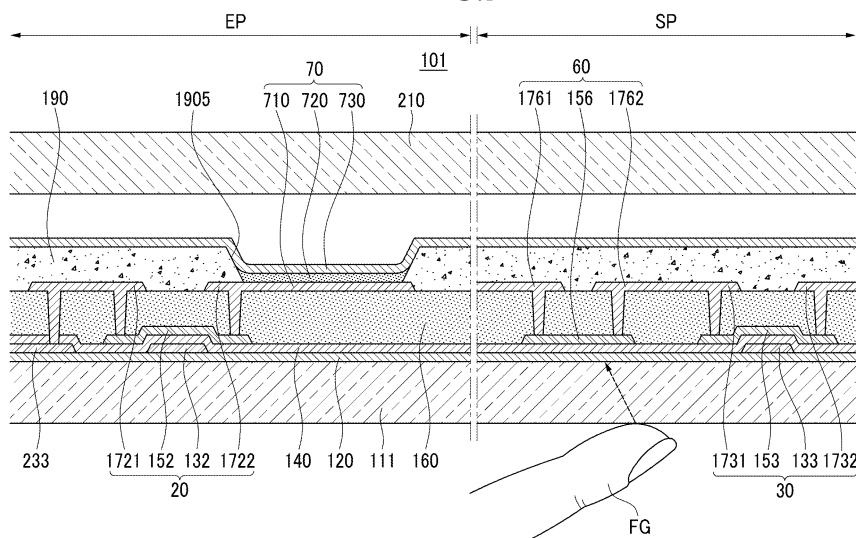
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(54) **Organic light emitting diode display and method for manufacturing the same**

(57) An organic light emitting diode (OLED) display and a method for manufacturing the same are described. An exemplary embodiment provides an OLED display (101) including: a substrate (111) including a plurality of pixel areas (PX); a light emitting unit (EP) including an organic light emitting diode (70) and a plurality of first thin film transistors (10, 20), the light emitting unit (EP) being formed in each of the plurality of pixel areas (PX); and a sensor unit (SP) including a photosensor (60) and a plu-

ality of second thin film transistors (30, 40, 50), the sensor unit (SP) being formed in at least some of the plurality of pixel areas (PX). Each of the plurality of first thin film transistors (10, 20) and the plurality of second thin film transistors (30, 40, 50) includes an oxide semiconductor layer (152, 153), and the photosensor (60) includes an oxide photoelectric conversion layer (156) that is made of a same material and is formed on a same layer as the oxide semiconductor layer (152, 153).

FIG.3





EUROPEAN SEARCH REPORT

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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 27 July 2011	Examiner Beierlein, Udo
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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专利名称(译)	有机发光二极管显示器及其制造方法		
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其他公开文献	EP2328178A2 EP2328178B1		
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摘要(译)

描述了有机发光二极管 (OLED) 显示器及其制造方法。示例性实施例提供了一种OLED显示器 (101) , 包括: 基板 (111) , 包括多个像素区域 (PX) ;发光单元 (EP) , 包括有机发光二极管 (70) 和多个第一薄膜晶体管 (10,20) , 发光单元 (EP) 形成在多个像素区域 (PX) 的每一个中;传感器单元 (SP) 包括光电传感器 (60) 和多个第二薄膜晶体管 (30,40,50) , 传感器单元 (SP) 形成在多个像素区域 (PX) 中的至少一些像素区域中。多个第一薄膜晶体管 (10,20) 和多个第二薄膜晶体管 (30,40,50) 中的每一个包括氧化物半导体层 (152,153) , 并且光电传感器 (60) 包括氧化物光电转换层 (156) 由相同材料制成并形成在与氧化物半导体层 (152,153) 相同的层上。

