



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
12.10.2005 Bulletin 2005/41

(51) Int Cl.⁷: **H01L 51/20, H01L 27/15**

(43) Date of publication A2:
01.06.2005 Bulletin 2005/22

(21) Application number: **04090465.8**

(22) Date of filing: **25.11.2004**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR
 Designated Extension States:
AL HR LT LV MK YU

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(30) Priority: **29.11.2003 KR 2003087789**

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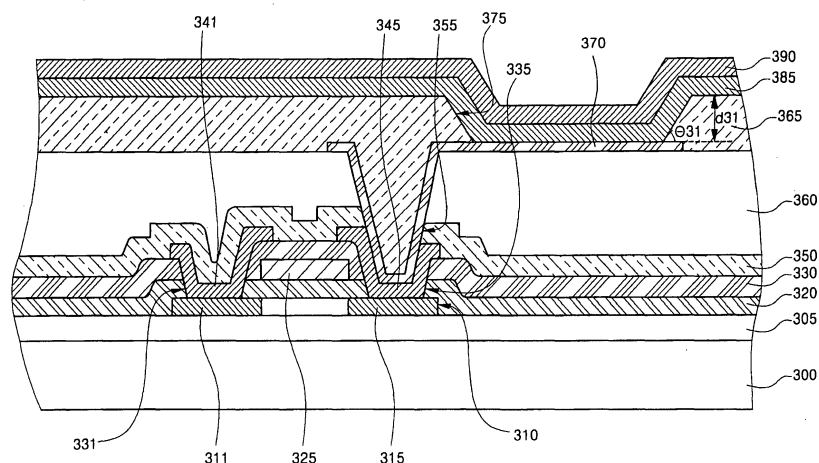
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(54) **Organic light emitting display**

(57) An organic light emitting display which is constructed with a TFT substrate having an insulating substrate and a TFT that has at least a source electrode and a drain electrode, a lower electrode formed on the TFT substrate and connected to one of source/drain electrodes, an insulating layer having an opening that exposes a portion of the lower electrode, an organic thin

film layer formed on the exposed portion of the lower electrode and the insulating layer, and an upper electrode formed on the organic thin film layer, wherein the insulating layer has a taper angle less than 40° at an edge of the opening, and a step less than or equal to 3,000Å is formed between the lower electrode and the organic thin film layer. The organic light emitting display can prevent device failure.

FIG. 7





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 09 0465

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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 18 August 2005	Examiner Bernabé Prieto, A
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 82 (P04C01)

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

EP 04 09 0465

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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专利名称(译)	有机发光显示器		
公开(公告)号	EP1536494A3	公开(公告)日	2005-10-12
申请号	EP2004090465	申请日	2004-11-25
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IPC分类号	H01L51/50 G09F9/30 H01L27/32 H05B33/22 H01L51/20 H01L27/15		
CPC分类号	H01L27/3246 H01L27/1248 H01L27/3248 H01L27/3258 H01L51/0013 H01L51/5206 H01L51/5221 H01L2251/5315 H01L2251/5323 H01L2251/558		
代理机构(译)	hengelhaupt , Jürgen		
优先权	1020030087789 2003-11-29 KR		
其他公开文献	EP1536494A2 EP1536494B1		
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摘要(译)

一种有机发光显示器，其构造有具有绝缘基板的TFT基板和至少具有源电极和漏电极的TFT，形成在TFT基板上并连接到源/漏电极之一的下电极，绝缘层，具有暴露下电极的一部分的开口，形成在下电极和绝缘层的暴露部分上的有机薄膜层，以及形成在有机薄膜层上的上电极，其中绝缘层具有在开口的边缘处具有小于40°的锥角，并且在下电极和有机薄膜层之间形成小于或等于3,000的台阶。有机发光显示器可以防止设备故障。

FIG. 7

