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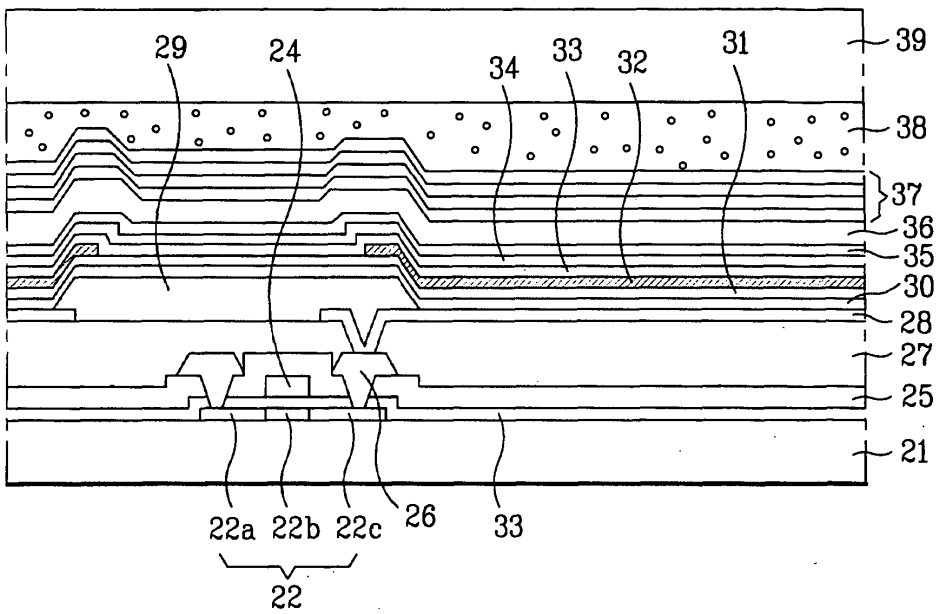
(54) Organic electro-luminescent display and method for manufacturing the same

(57) An organic electro-luminescent display and a method for manufacturing the same are disclosed. The organic electro-luminescent display includes a transparent substrate, an anode formed over the transparent substrate, an organic electro-luminescent layer formed over the anode, a cathode formed over the organic electro-luminescent layer, a protective film formed over the cathode, the protective film having a multi-layer structure, and a sealant formed over the protective film, and provided with small grains distributed in the sealant.

FIG. 2E



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EUROPEAN SEARCH REPORT

Application Number
EP 05 01 2023

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	YAMASAKI TAKASHI ET AL: "Organic light-emitting device with an ordered monolayer of silica microspheres as a scattering medium" APPLIED PHYSICS LETTERS, AIP, AMERICAN INSTITUTE OF PHYSICS, MELVILLE, NY, US, vol. 76, no. 10, 6 March 2000 (2000-03-06), pages 1243-1245, XP012024765 ISSN: 0003-6951 * page 1243, paragraphs 2,3; figure 1 *	3,5	
Y	US 2002/061418 A1 (IMANISHI YASUO) 23 May 2002 (2002-05-23) * paragraphs [0077], [0095], [0177]; figures 15e,15f *	7,15	TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Berlin	13 March 2006	Ledoux, S

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
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 05 01 2023

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13-03-2006

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

专利名称(译)	有机电致发光显示器及其制造方法		
公开(公告)号	EP1605531A3	公开(公告)日	2006-05-17
申请号	EP2005012023	申请日	2005-06-03
申请(专利权)人(译)	LG电子株式会社.		
当前申请(专利权)人(译)	LG DISPLAY CO.，LTD.		
[标]发明人	KIM HONG GYU		
发明人	KIM, HONG GYU		
IPC分类号	H01L51/20 G02B5/02 G09F9/30 H01L27/32 H01L51/50 H01L51/52 H05B33/00 H05B33/02 H05B33/10 H05B33/12 H05B33/14 H05B33/22 H05B33/24 H05B33/26 H05B33/28		
CPC分类号	H01L51/5268 B82Y20/00 B82Y30/00 H01L27/3244 H01L51/5246 H01L51/5256 H01L51/5265 H01L2251/5315 H01L2251/5369		
优先权	1020040040827 2004-06-04 KR		
其他公开文献	EP1605531A2		
外部链接	Espacenet		

摘要(译)

公开了一种有机电致发光显示器及其制造方法。有机电致发光显示器包括透明基板，在透明基板上形成的阳极，在阳极上形成的有机电致发光层，在有机电致发光层上形成的阴极，在阴极上形成的保护膜，保护膜具有多层结构，并且在保护膜上形成密封剂，并且在密封剂中分布有小颗粒。

FIG. 2E