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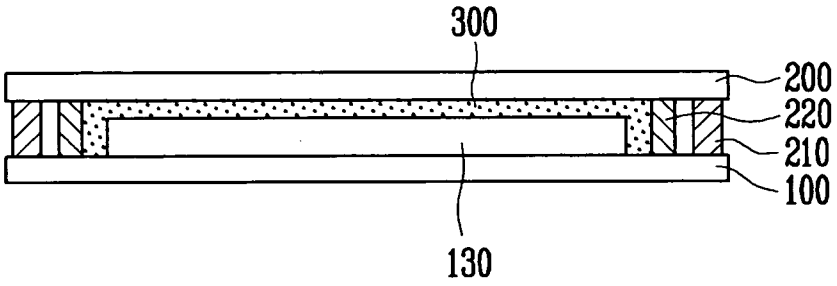
(54) Light emitting display and method of manufacturing the same

(57) A light emitting display and a method of manufacturing the same, wherein the light emitting display includes a first substrate on which a plurality of light emitting devices is formed, a second substrate provided to face the first substrate, a dam member provided between the first substrate and the second substrate to surround the plurality of light emitting devices, an inorganic sealing material provided between the first substrate and the second substrate on an outer circumference of the dam member to attach the first substrate and the second substrate to each other, and a filling material provided on an internal side of the dam member to cover the plurality of light emitting devices. The inorganic sealing material effectively shields moisture or oxygen and/or increases the life of the light emitting display. The filling material fills the space between the substrates to improve mechanical reliability.

EP 2 009 715 A3

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 08 25 2229

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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
Munich	31 January 2011	Bernabé Prieto, A

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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D : document cited in the application
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& : member of the same patent family, corresponding document

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EUROPEAN SEARCH REPORT

Application Number
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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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TECHNICAL FIELDS SEARCHED (IPC)

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	31 January 2011	Bernabé Prieto, A

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X : particularly relevant if taken alone
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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)	发光显示器及其制造方法		
公开(公告)号	EP2009715A3	公开(公告)日	2011-03-09
申请号	EP2008252229	申请日	2008-06-27
[标]申请(专利权)人(译)	三星斯笛爱股份有限公司		
申请(专利权)人(译)	三星SDI CO.，LTD.		
当前申请(专利权)人(译)	三星DISPLAY CO.，LTD.		
[标]发明人	OH MIN HO CHO YOON HYEUNG LEE BYOUNG DUK LEE SO YOUNG LEE SUN YOUNG KIM WON JONG CHOI JIN BAEK LEE JONG HYUK LEE SEUNG HAN KIM YONG TAK		
发明人	OH, MIN-HO CHO, YOON-HYEUNG LEE, BYOUNG-DUK LEE, SO-YOUNG LEE, SUN-YOUNG KIM, WON-JONG CHOI, JIN-BAEK LEE, JONG-HYUK LEE, SEUNG-HAN KIM, YONG-TAK		
IPC分类号	H01L51/52 G09F9/00 G09F9/30 H01L27/32 H01L51/50 H05B33/04 H05B33/10		
CPC分类号	H01L51/5246 H01L51/56		
优先权	1020070064293 2007-06-28 KR		
其他公开文献	EP2009715A2 EP2009715B1		
外部链接	Espacenet		

摘要(译)

一种发光显示器及其制造方法，其中所述发光显示器包括：第一基板，其上形成有多个发光器件;第二基板，设置为面对所述第一基板;坝构件，设置在所述第一基板之间第二基板包围多个发光装置，无机密封材料设置在第一基板和第二基板之间，位于阻挡构件的外周上，以将第一基板和第二基板彼此连接，以及填充物材料设置在阻挡构件的内侧以覆盖多个发光器件。无机密封材料有效地屏蔽水分或氧气和/或增加发光显示器的寿命。填充材料填充基板之间的空间以提高机械可靠性。

FIG. 2