



(11) **EP 2 453 301 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
25.07.2012 Bulletin 2012/30

(51) Int Cl.:
G02F 1/13357^(2006.01)

(43) Date of publication A2:
16.05.2012 Bulletin 2012/20

(21) Application number: **11155503.3**

(22) Date of filing: **22.02.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

- **Chang, Chia-Hsin Hsin-Chu (TW)**
- **Wang, Ping-Fu Hsin-Chu (TW)**
- **Tsai, Chia-Chang Hsin-Chu (TW)**

(30) Priority: **10.11.2010 US 943285**

(74) Representative: **Lang, Christian LangRaible GbR Patent- und Rechtsanwälte Rosenheimerstrasse 139 81671 München (DE)**

(71) Applicant: **AU Optronics Corporation Hsin-Chu (TW)**

(72) Inventors:
• **Wang, Chung-Min Hsin-Chu (TW)**

(54) **Liquid crystal display with backlight frame structure**

(57) In one aspect of the present invention, an LCD includes a front frame having a flange and a rear cover having a flange defining a housing therebetween, a liquid crystal (LC) panel placed in the housing, a backlight positioned between the LC panel and the rear cover, and a backlight frame having a first engaging structure configured to receive the flanges of the front frame and the rear cover, and a second engaging structure configured to retain the backlight and the LC panel in the housing.

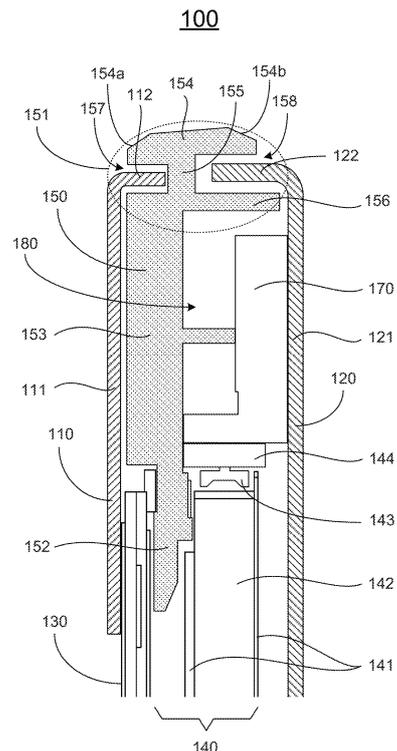


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 11 15 5503

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)
			G02F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 14 June 2012	Examiner Aichmayr, Günther
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 (F04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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14-06-2012

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EPO FORM P0459

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

专利名称(译)	具有背光框架结构的液晶显示器		
公开(公告)号	EP2453301A3	公开(公告)日	2012-07-25
申请号	EP2011155503	申请日	2011-02-22
[标]申请(专利权)人(译)	友达光电股份有限公司		
申请(专利权)人(译)	友达光电股份有限公司		
当前申请(专利权)人(译)	友达光电股份有限公司		
[标]发明人	WANG CHUNG MIN CHANG CHIA HSIN WANG PING FU TSAI CHIA CHANG		
发明人	WANG, CHUNG-MIN CHANG, CHIA-HSIN WANG, PING-FU TSAI, CHIA-CHANG		
IPC分类号	G02F1/13357		
CPC分类号	G02F1/133308 G02F1/133305 G02F1/133615 G02F2001/133314 G02F2001/133317 G02F2001/13332 G02F2001/133322		
代理机构(译)	LANG , CHRISTIAN		
优先权	12/943285 2010-11-10 US		
其他公开文献	EP2453301B1 EP2453301A2		
外部链接	Espacenet		

摘要(译)

在本发明的一个方面，LCD包括具有凸缘的前框架和后盖，后盖具有在其间限定壳体的凸缘，放置在壳体中的液晶（LC）面板，位于LC面板和LC面板之间的背光后盖和背光框架，以及第二接合结构，该背光框架具有构造成接收前框架和后盖的凸缘的第一接合结构，第二接合结构构造成将背光和LC面板保持在壳体中。

