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(54) Organic electroluminescent display with integrated resistive touch screen

(57) An organic electroluminescent display (100) with integrated touch screen, includes: a transparent substrate (102) having two faces; a transistor switching matrix layer (74) and a light emitting layer (78) forming an active matrix electroluminescent display located on one face of the substrate for emitting light through the sub-

strate; touch sensitive elements (14) of a touch screen located on the other face of the substrate (102); components of a touch screen controller (112) located on the one face of the substrate; and an electrical connector (108) for connecting the components of the touch screen controller on the one face of the substrate to the touch screen elements on the other face of the substrate.

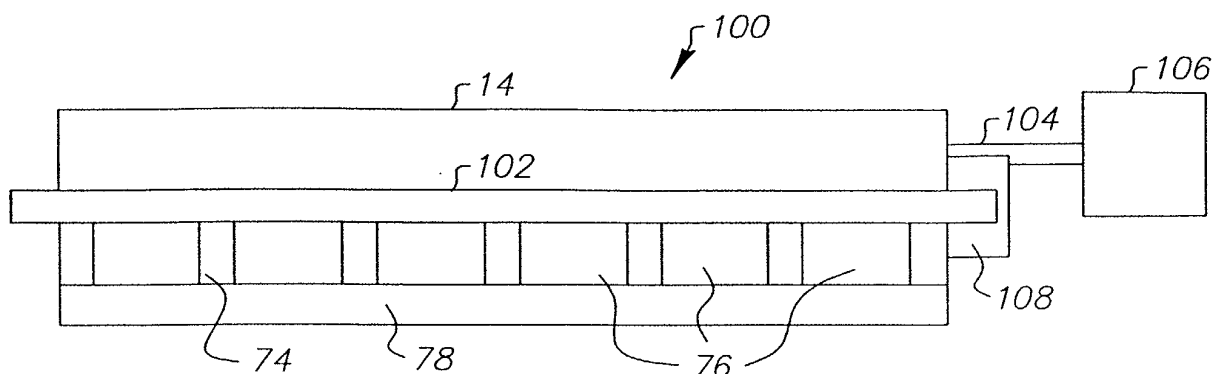


FIG. 5A

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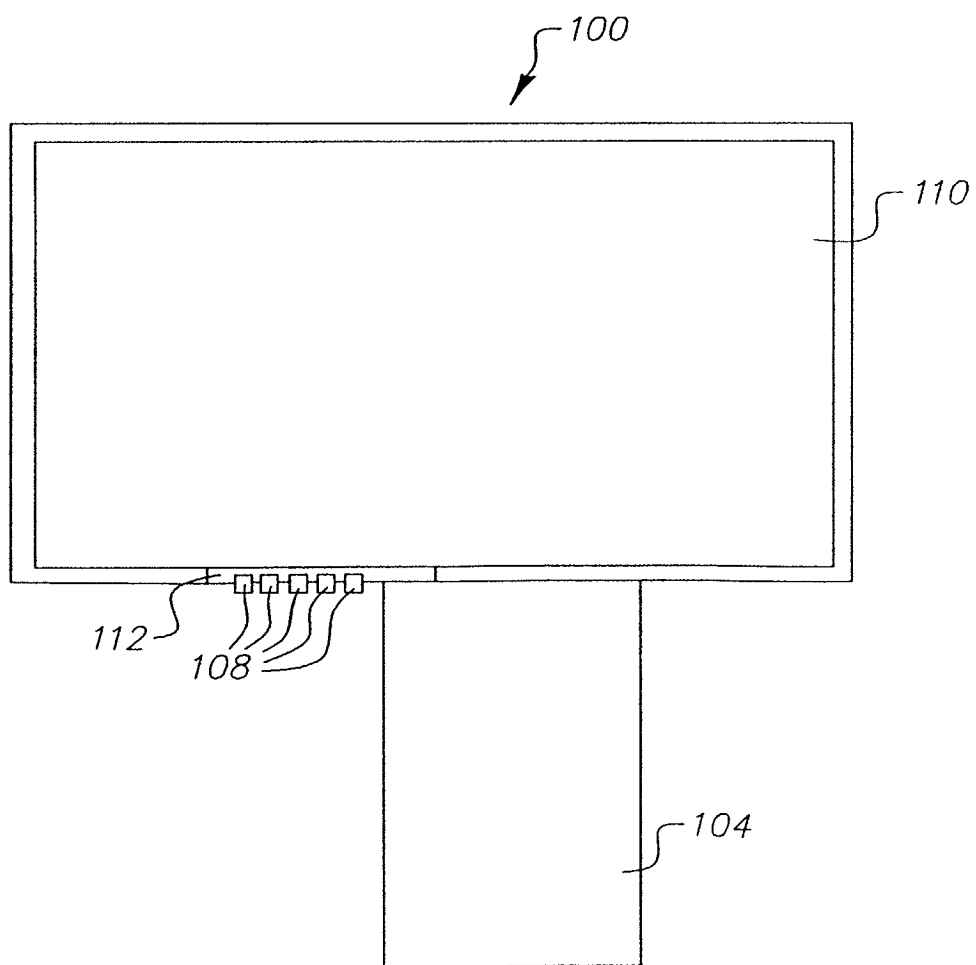


FIG. 5B



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EUROPEAN SEARCH REPORT

Application Number
EP 02 07 6758

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) -& JP 2000 331557 A (MIMAKI DENSHI BUHIN KK), 30 November 2000 (2000-11-30) * abstract; figure 1 *	1-18	INV. H01L27/15 H01L51/20
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) -& JP 2001 076886 A (FUTABA CORP), 23 March 2001 (2001-03-23) * abstract; figures 2,6 *	1-18	
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19, 5 June 2001 (2001-06-05) & JP 2001 051608 A (MINOLTA CO LTD), 23 February 2001 (2001-02-23) * abstract; figure 3 *	1-18	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01L G06F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 May 2006	Examiner Faou, M
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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03-05-2006

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JP 2001076886 A	23-03-2001	NONE	
JP 2001051608 A	23-02-2001	NONE	

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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，集成电阻式触摸屏		
公开(公告)号	EP1258922A3	公开(公告)日	2006-07-05
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申请(专利权)人(译)	伊士曼柯达公司		
当前申请(专利权)人(译)	伊士曼柯达公司		
发明人	FELDMAN, RODNEY D., EASTMAN KODAK COMPANY		
IPC分类号	H01L27/15 H01L51/50 G06F3/033 G06F3/041 G06F3/048 G09F9/00 G09F9/30 H01L27/32 H05B33/22		
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其他公开文献	EP1258922A2		
外部链接	Espacenet		

摘要(译)

一种具有集成触摸屏的有机电致发光显示器 (100)，包括：具有两个面的透明基板 (102)；晶体管开关矩阵层 (74) 和发光层 (78) 形成有源矩阵电致发光显示器，位于基板的一个面上，用于通过基板发光；位于基板 (102) 的另一面上的触摸屏的触敏元件 (14)；触摸屏控制器 (112) 的组件位于基板的一个面上；电连接器 (108)，用于将基板一面上的触摸屏控制器的部件连接到基板另一面上的触摸屏元件。

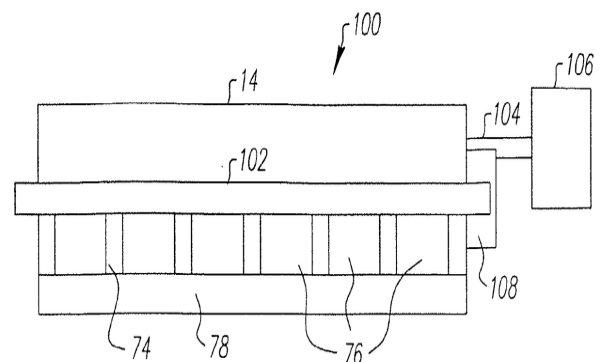


FIG. 5A