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(54) **Active matrix organic light emitting diode flat-panel display**

(57) An active matrix OLED flat-panel display includes a plurality of light emitting elements and associated control circuits; a programmable power supply connected to the control circuits; a sensor for sensing the

light output of one or more light emitting elements to produce a feedback signal; and a display controller responsive to the feedback signal for programming the programmable power supply to compensate for changes in the light output from the light emitting elements.

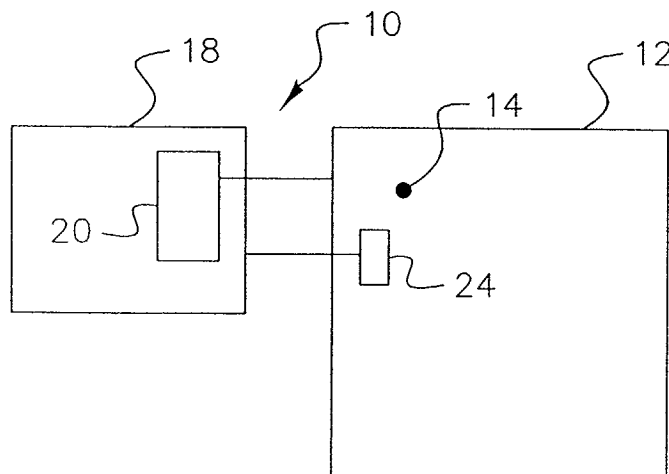


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 02 07 6759

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
E	EP 1 204 088 A (EASTMAN KODAK CO) 8 May 2002 (2002-05-08) * paragraphs [0013] - [0017], [0020] - [0024]; claim 10; figures 1,2 *	1,2,4-11	INV. G09G3/32
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Y	US 6 144 162 A (SMITH RONALD D) 7 November 2000 (2000-11-07) * column 2, line 14 - column 3, line 11 * * column 4, lines 25-45; figures 1,4 *	2,10	TECHNICAL FIELDS SEARCHED (IPC)
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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 16 May 2006	Examiner Harke, 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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 07 6759

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The members are as contained in the European Patent Office EDP file on
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专利名称(译)	有源矩阵有机发光二极管平板显示器		
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[标]申请(专利权)人(译)	伊斯曼柯达公司		
申请(专利权)人(译)	伊士曼柯达公司		
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优先权	09/858109 2001-05-15 US		
其他公开文献	EP1260959A2		
外部链接	Espacenet		

摘要(译)

一种有源矩阵OLED平板显示器，包括多个发光元件和相关的控制电路；连接到控制电路的可编程电源/传感器，用于检测一个或多个发光元件的光输出，以产生反馈信号；显示控制器响应于反馈信号，用于对可编程电源进行编程，以补偿来自发光元件的光输出的变化。

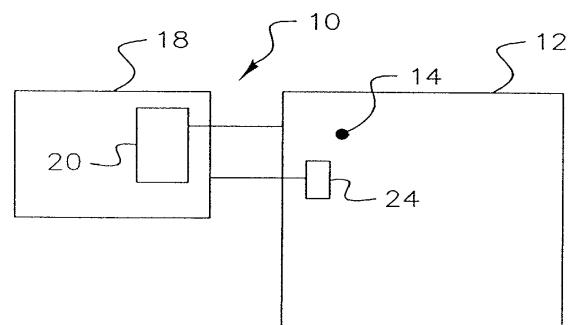


FIG. 2