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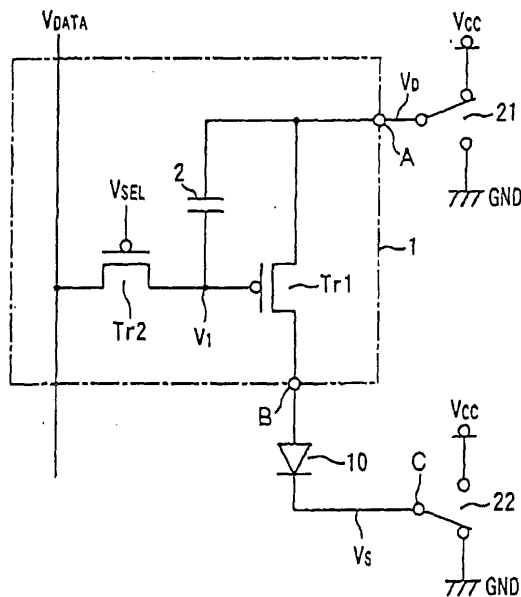
(54) **Driving circuit for active matrix type display, drive method of electronic equipment and electronic apparatus, and electronic apparatus**

(57) To realize an organic electroluminescence element driving circuit capable of realizing application of reverse bias without almost increasing power consumption and cost.

The connected relationship between a power supply potential  $V_{cc}$  and the GRD is changed by manipulat-

ing switches 21 and 22. With this arrangement, application of reverse bias to an organic electroluminescence element 10 is realized without newly preparing additional power supplies such as a negative power supply, and the like, whereby the life of an organic electroluminescence element 10 can be increased.

Fig. 2





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EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 8013

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The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>14 May 2002</b>	Examiner <b>Fulcheri, A</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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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 (Int.Cl.7)
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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	14 May 2002	Fulcheri, A	
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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专利名称(译)	用于有源矩阵型显示器的驱动电路，电子设备和电子设备的驱动方法以及电子设备		
公开(公告)号	<a href="#">EP1191512A3</a>	公开(公告)日	2002-08-21
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[标]申请(专利权)人(译)	精工爱普生株式会社		
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当前申请(专利权)人(译)	SEIKO EPSON CORPORATION		
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优先权	2000285329 2000-09-20 JP 2001254850 2001-08-24 JP		
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摘要(译)

为了实现能够实现反向偏压的应用而不会几乎增加功耗和成本的有机电致发光元件驱动电路。通过操作开关21和22来改变电源电位V<sub>cc</sub>和GRD之间的连接关系。利用这种布置，实现了向有机电致发光元件10施加反向偏压而无需新准备诸如负电源的附加电源，等等，由此可以提高有机电致发光元件10的寿命。

Fig. 2

