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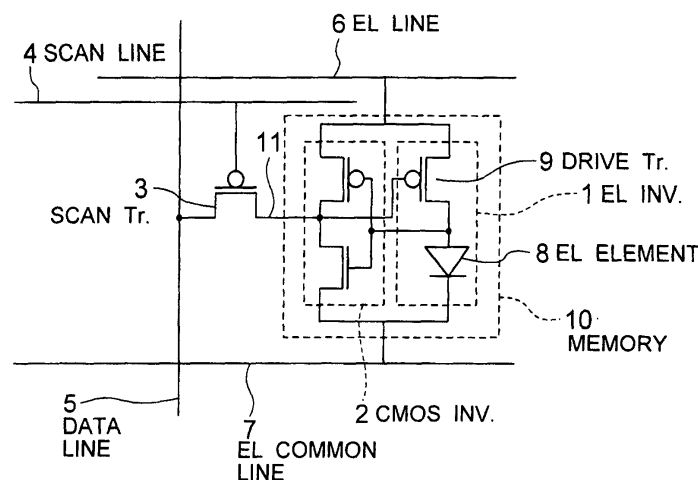
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(54) **Emissive display using organic electroluminescent devices**

(57) An emissive display using an organic electroluminescent device (8) is provided, in which the pixel circuit is simplified, the aperture ratio is increased, high resolution is achieved, and the power consumption is reduced. In the configuration, among the two sets of inverter circuits, one set of converter circuit is formed by a circuit (1) connecting an organic electroluminescent

device (8) and a transistor (9) in series, and a transistor of a memory circuit is omitted. Also, in the mutual connection of the two sets of inverters, display data is inputted to a line connected to the gate of the transistor (9) connected in series with the organic electroluminescent device (8), and owing to this connection, the write load is reduced, and the high resolution is achieved by enabling to write at high speed.

FIG. 1



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EUROPEAN SEARCH REPORT

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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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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G09G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 January 2004	Examiner van Wesenbeeck, R
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
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专利名称(译)	使用有机电致发光器件的发光显示器		
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摘要(译)

提供一种使用有机电致发光器件 (8) 的发光显示器，其中简化了像素电路，增加了孔径比，实现了高分辨率，并且降低了功耗。在该配置中，在两组逆变器电路中，一组转换器电路由串联连接有机电致发光器件 (8) 和晶体管 (9) 的电路 (1) 形成，并且存储器电路的晶体管是省略。另外，在两组逆变器的相互连接中，显示数据被输入到与有机电致发光器件 (8) 串联连接的晶体管 (9) 的栅极连接的线，并且由于这种连接，写入减少了负载，并且通过能够高速写入来实现高分辨率。

FIG. 1

