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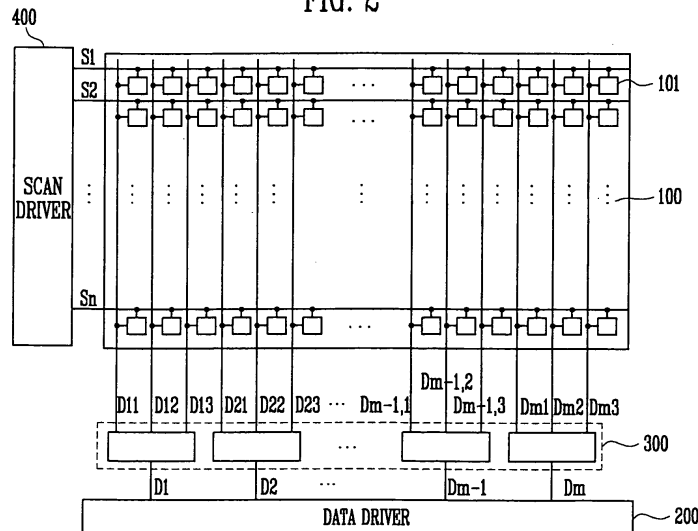
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(54) **Data driver for organic electro luminescence display device and driving method for the same**

(57) An organic electroluminescence display device capable of reducing a size of a data driver by reducing the channel number of the data driver, and capable of reducing a deviation of electric current flowing in pixels by resetting data lines, and a driving method for the same. The organic electroluminescence display device includes a pixel unit having a plurality of pixels defined by data lines and scan lines and displaying an image to correspond to a data signal and a scan signal. A data driver

generates a data signal and supplies it to the pixel unit in every channel, and to a MUX unit to which multiple data lines are connected. The MUX unit outputs the data signal from the data driver and selectively supplies it, according to a control signal, to one of the data lines. A scan driver generates a scan signal to supply a generated scan signal to the pixel unit. A reset signal transmitting unit supplies a reset signal to the channel of the data driver to connect the reset signal to the data lines through the MUX unit.

FIG. 2



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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 23 July 2009	Examiner Morris, David	
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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EUROPEAN SEARCH REPORT

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ANNEX TO THE EUROPEAN SEARCH REPORT
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专利名称(译)	用于有机电致发光显示装置的数据驱动器及其驱动方法		
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优先权	1020060088641 2006-09-13 KR		
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摘要(译)

一种有机电致发光显示装置及其驱动方法，该有机电致发光显示装置能够通过减小数据驱动器的通道数来减小数据驱动器的尺寸，并且能够通过重置数据线来减小在像素中流动的电流的偏差。有机电致发光显示装置包括像素单元，该像素单元具有由数据线和扫描线限定的多个像素，并且显示与数据信号和扫描信号对应的图像。数据驱动器产生数据信号并将其提供给每个通道中的像素单元，并提供给连接多条数据线的MUX单元。MUX单元从数据驱动器输出数据信号，并根据控制信号选择性地将其提供给数据线之一。扫描驱动器产生扫描信号以将产生的扫描信号提供给像素单元。复位信号发送单元将复位信号提供给数据驱动器的通道，以通过MUX单元将复位信号连接到数据线。

