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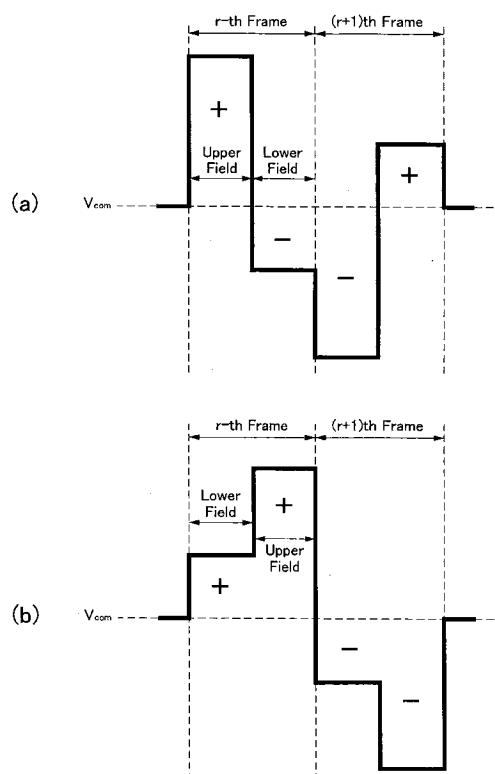
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(54) **Liquid crystal display device and data signal driving apparatus**

(57) The present invention relates to a display device and a driving apparatus for the display device. The display device includes a plurality of pixels arranged in a matrix; a signal controller converting input image data having a first frequency into a plurality of output image data having a second frequency for output; and a data driver converting the output image data into analog data voltages for application sequentially to the pixels. The data from a frame memory is modified and stored as upper output image data and lower output image data. The upper and lower data are then output, by means of a multiplexer, to a data driver depending on a field selecting signal.

FIG.5



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EUROPEAN SEARCH REPORT

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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 25 August 2008	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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摘要(译)

显示装置和驱动装置技术领域本发明涉及显示装置和显示装置的驱动装置。显示装置包括以矩阵排列的多个像素;信号控制器,将具有第一频率的输入图像数据转换为具有第二频率的多个输出图像数据,用于输出;数据驱动器将输出图像数据转换为模拟数据电压,以便顺序地应用于像素。来自帧存储器的数据被修改并存储为上输出图像数据和下输出图像数据。然后,根据场选择信号,通过多路复用器将上和下数据输出到数据驱动器。

