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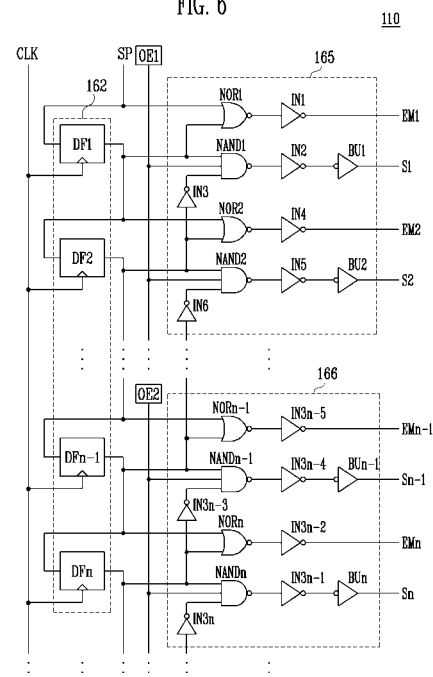
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(54) **Scan driver, organic light emitting display using the same, and method of driving the organic light emitting display**

(57) A scan driver capable of freely setting the width of emission control signals and of dividing the emission control signals at least twice in one frame to apply the emission control signals is disclosed. Embodiments of the scan driver include a shift register, receiving at least two start pulses in one frame to sequentially shift the start pulses in response to a clock signal and to thus generate at least two sampling pulses, and at least two signal generators for combining the at least two sampling pulses and at least two output enable signals with each other to supply scan signals to scan lines, and for combining the at least two sampling pulses output from the shift register with each other to supply at least two emission control signals to emission control signals lines in one frame. At least two emission control signals are supplied to emission control signal lines in one frame so that it is possible to change the brightness of the display without generating a flicker.

FIG. 6



公开了一种扫描驱动器，其能够自由地设置发射控制信号的宽度并且在一帧中将发射控制信号分成至少两次以施加发射控制信号。扫描驱动器的实施例包括移位寄存器，在一帧中接收至少两个起始脉冲以响应于时钟信号顺序地移位起始脉冲并因此产生至少两个采样脉冲，并且至少两个信号发生器用于组合至少两个采样脉冲和至少两个输出使能信号彼此提供扫描信号到扫描线，并且用于将从移位寄存器输出的至少两个采样脉冲相互组合以向发射提供至少两个发射控制信号控制一帧中的信号线。至少两个发射控制信号被提供给一帧中的发射控制信号线，使得可以改变显示器的亮度而不产生闪烁。

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