



(11) **EP 1 901 274 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
27.05.2009 Bulletin 2009/22

(51) Int Cl.:
G09G 3/32^(2006.01) G11C 19/18^(2006.01)

(43) Date of publication A2:
19.03.2008 Bulletin 2008/12

(21) Application number: **07253314.4**

(22) Date of filing: **21.08.2007**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

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(30) Priority: **12.09.2006 KR 20060088093**

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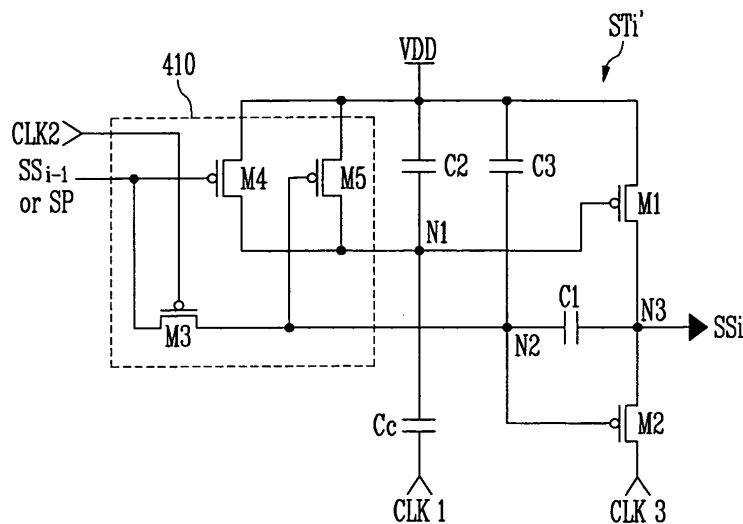
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(54) **Shift register and organic light emitting display using the same**

(57) A shift register and an organic light emitting display using the same with a simplified design of a shift register having high reliance, and reduced dead space includes a plurality of stages dependently connected to a start pulse input line, each of the stages including: a voltage level controller to control voltage levels of first and second output nodes according to a start pulse or an output signal of a previous stage and a second clock

signal; a control capacitor coupled between the first output node and an input line of a first clock signal; a first transistor coupled between a first power supply and a third output node and including a gate electrode coupled to the first output node; and a second transistor coupled between the third output node and an input line of the third clock signal and including a gate electrode coupled to the second output node.

FIG. 6



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EUROPEAN SEARCH REPORT

Application Number
EP 07 25 3314

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| Place of search The Hague | | Date of completion of the search 20 April 2009 | Examiner Ladiray, Olivier |
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EPO FORM 1503 03.02 (FO/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 07 25 3314

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| 专利名称(译) | 移位寄存器和使用其的有机发光显示器 | | |
| 公开(公告)号 | EP1901274A3 | 公开(公告)日 | 2009-05-27 |
| 申请号 | EP2007253314 | 申请日 | 2007-08-21 |
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| IPC分类号 | G09G3/32 G11C19/18 | | |
| CPC分类号 | G11C19/184 G09G3/3266 G09G2300/0426 G09G2310/0286 | | |
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摘要(译)

移位寄存器和使用该移位寄存器的有机发光显示器具有移位寄存器的简化设计, 该移位寄存器具有高可靠性和减少的死区, 包括依赖于连接到起始脉冲输入线的多个级, 每个级包括: 电压电平控制器, 用于根据前一级的起始脉冲或输出信号和第二时钟信号控制第一和第二输出节点的电压电平; 控制电容器, 耦合在第一输出节点和第一时钟信号的输入线之间; 第一晶体管, 耦合在第一电源和第三输出节点之间, 并包括耦合到第一输出节点的栅电极; 第二晶体管, 耦合在第三输出节点和第三时钟信号的输入线之间, 并包括耦合到第二输出节点的栅电极。

