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- **Kawasaki, Somei,**  
**c/o Canon Kabushiki Kaisha**  
**Tokyo (JP)**
- **Kawano, Fujio,**  
**c/o Canon Kabushiki Kaisha**  
**Tokyo (JP)**
- **Yamashita, Takanori,**  
**c/o Canon Kabushiki Kaisha**  
**Tokyo (JP)**

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(71) Applicant: **CANON KABUSHIKI KAISHA**  
**Tokyo (JP)**

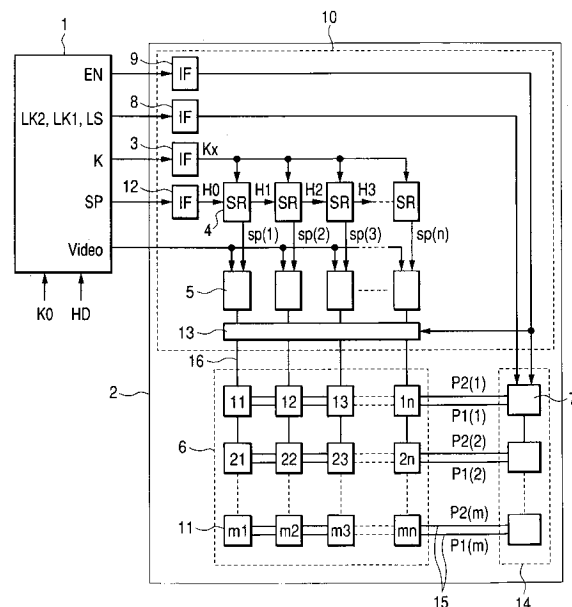
(74) Representative: **TBK-Patent**  
**Bavariaring 4-6**  
**80336 München (DE)**

(72) Inventors:  
 • **Iseki, Masami,**  
**c/o Canon Kabushiki Kaisha**  
**Tokyo (JP)**

(54) **Driver for electroluminescent display, display comprising such a driver, and recorder comprising such a display**

(57) The present application discloses a driver for electroluminescent display having a configuration comprising: a drive transistor for supplying a current of the quantity corresponding to a gate potential, into an electroluminescent element as a driving current; a first switch installed in the path of the driving current passing between the element and the drive transistor, for controlling the flow of the driving current; a second switch for switching between the first state of setting the gate potential of the drive transistor and the second state of keeping the set gate potential; a circuit for supplying a signal for controlling the flow of the driving current in a restricted state to the first switch, for a predetermined period in a period after the starting the supply of the potential for driving the drive transistor from a power source and until start of driving the element in a normal operation; a circuit for supplying a signal for setting the second switch at the first state, to the second switch: and a circuit for interrupting a signal for setting the gate potential while the second switch is in the first state in the predetermined period.

**FIG. 1**





EUROPEAN SEARCH REPORT

Application Number  
EP 04 02 8622

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			G09G
Place of search		Date of completion of the search	Examiner
Munich		22 December 2009	Petitpierre, Olivier
CATEGORY OF CITED DOCUMENTS		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	
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			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 04 02 8622

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专利名称(译)	用于电致发光显示器的驱动器，包括这种驱动器的显示器，以及包括这种显示器的记录器		
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[标]申请(专利权)人(译)	佳能株式会社		
申请(专利权)人(译)	佳能株式会社		
当前申请(专利权)人(译)	佳能株式会社		
[标]发明人	ISEKI MASAMI C O CANON KABUSHIKI KAISHA KAWASAKI SOMEI C O CANON KABUSHIKI KAISHA KAWANO FUJIO C O CANON KABUSHIKI KAISHA YAMASHITA TAKANORI C O CANON KABUSHIKI KAISHA		
发明人	ISEKI, MASAMI, C/O CANON KABUSHIKI KAISHA KAWASAKI, SOMEI, C/O CANON KABUSHIKI KAISHA KAWANO, FUJIO, C/O CANON KABUSHIKI KAISHA YAMASHITA, TAKANORI, C/O CANON KABUSHIKI KAISHA		
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代理机构(译)	TBK专利		
优先权	2004330680 2004-11-15 JP 2003405306 2003-12-04 JP		
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摘要(译)

本申请公开了一种用于电致发光显示器的驱动器，其具有包括：驱动晶体管，用于将与栅极电位对应的量的电流提供到电致发光元件中作为驱动电流；第一开关安装在通过元件和驱动晶体管之间的驱动电流的路径中，用于控制驱动电流的流动；第二开关，用于在设定驱动晶体管的栅极电位的第一状态和保持设定的栅极电位的第二状态之间切换；用于在限制状态下控制驱动电流流动的信号到第一开关的电路，在从电源开始提供驱动晶体管的电位开始之后的一段时间内的预定时间段内直到启动在正常操作中驱动元件；用于将用于将第二开关设置在第一状态的信号提供给第二开关的电路；以及用于在第二开关在预定时段中处于第一状态时中断用于设置栅极电位的信号的电路。

