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• **Schemmann, Heinrich**  
**78052 Villingen-Schwenningen (DE)**  
• **Marx, Thilo**  
**78052 Villingen-Schwenningen (DE)**

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(71) Applicant: **Thomson Licensing**  
**92100 Boulogne-Billancourt (FR)**

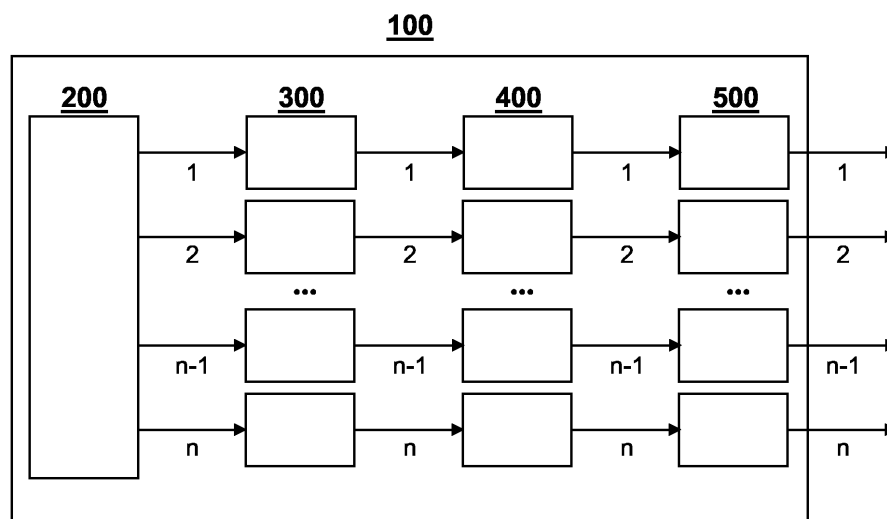
(74) Representative: **Rossmannith, Manfred**  
**Deutsche Thomson OHG**  
**European Patent Operations**  
**Karl-Wiechert-Allee 74**  
**30625 Hannover (DE)**

(72) Inventors:  
• **Schwanenberger, Thomas**  
**78112 St. Georgen (DE)**

(54) **Display device driving circuit**

(57) A driving circuit for a display with display elements in rows and/or columns has a shift register, through which tokens are shifted. The shift register's parallel outputs are latched and enable switch cells depending on the tokens. Control signals are supplied to the switch cells which control the output signal in terms of pulse width and/or signal shape. Buffers output the signals to

a connected display. Individual or groups of buffers are connected to different supply voltages. The shift register may have more than one input in order to allow for shifting tokens in parallel, e.g. to every second output, using only one clock cycle. Further, inputs are provided for inverting the travelling direction of the tokens, inverting the shape of the signal that is output or switching all outputs to a predetermined state.



**Fig. 1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 05 30 0521

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	US 6 144 374 A (HYUN ET AL) 7 November 2000 (2000-11-07) * column 4, line 10 - column 5, line 28 * * figures 1-7 *	1-9	
A	WO 00/19476 A (SARNOFF CORP) 6 April 2000 (2000-04-06) * abstract * * the whole document *	1-9	
A	EP 1 030 287 A (TDK CORP) 23 August 2000 (2000-08-23) * paragraphs [0040], [0046], [0048], [0095] - [0103] * * figures 4-7 *	1-9	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
The Hague		30 March 2009	van Wesenbeeck, R
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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