Abstract: The electrical circuit arrangement (A) for a display device (6) comprises an input terminal (11, 13) a first memory element (M1); a driver element (D) coupled to the first memory element (M1); and a calibration circuit (S) coupled between the driver element (D) and the input terminal (11, 13). Information about first signal \( I_{\text{prog}1_{\text{tot}}} \) received via the input terminal (11, 13) is stored in the first memory element (M1). The driver element provides a second signal \( I_{\text{light}1_{\text{tot}}} \) via an output terminal (15, 11) in accordance with the information stored as the first memory element (M1). The calibration circuit (S) matches a potential difference between the driver element (D) and the input terminal (11, 13) during a calibration phase prior to receiving the first signal \( I_{\text{prog}1_{\text{tot}}} \).

Title: PIXEL DRIVE CIRCUIT FOR AN OLED DISPLAY DEVICE WITH CURRENT - DRIVEN DATA LINES

FIG. 5
### A. CLASSIFICATION OF SUBJECT MATTER

**IPC 7**

G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC 7**  

G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

### Electronic database consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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page 6, line 15 - page 8, line 2; figure 3  
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[Further documents are listed in the continuation of box C.]

[Patent family members are listed in annex.]

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Date of the actual completion of the international search: 25 May 2005

Date of mailing of the international search report: 03/06/2005

Name and mailing address of the ISA

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van Wesenbeeck, R
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