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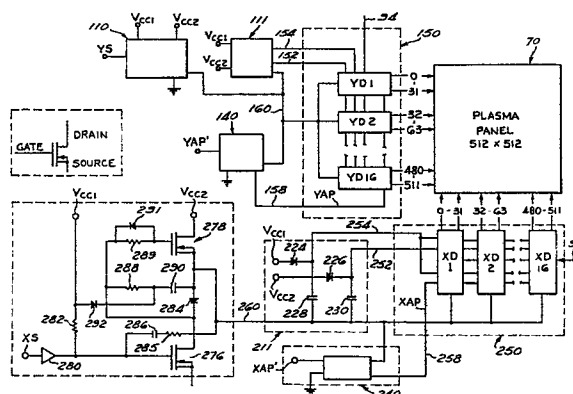
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⑤④ **Plasma display panel drive.**

⑤⑦ A circuit for performing sustaining and pulsing operations for an AC plasma panel is disclosed, wherein two MOSFET transistors are used to alternatively, selectively provide a two level output signal. The circuit requires only a single logic input, thus preventing both transistors from conducting simultaneously, and features full slew rate control of the output. The drive circuitry is improved so that the waveforms applied to the panel electrodes to perform the sustain, write, erase, and bulk-erase functions are simplified to comprise a sequential series of rectangular waves, and only one high voltage power supply is required. High voltage is supplied to the driver chips only when they are to perform a write or erase function, thus greatly reducing the amount of power which must be dissipated in the driver chips.





European Patent
Office

EUROPEAN SEARCH REPORT

0044182

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EP 81 30 3065

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<u>US - A - 4 200 822 (J.W.V. MILLER)</u> * Figure 5; abstract, column 2, lines 30-61; from column 6, line 60 to column 8, line 2 * --	1-3	G 09 G 3/28 H 03 K 17/66
A	<u>US - A - 4 001 636 (HIROSHI TOTTORI)</u> * Figure 10; column 10, lines 36-48 * --	7	
A	<u>US - A - 3 706 892 (T.E. O'BRIEN)</u> * Figure 1; abstract; from column 2, line 10 to column 3, line 41 * ----	5	
			TECHNICAL FIELDS SEARCHED (Int.Cl. ³)
			G 09 G 3/28 H 03 K 17/66
			CATEGORY OF CITED DOCUMENTS
			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 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
X	The present search report has been drawn up for all claims		&: member of the same patent family, corresponding document
Place of search The Hague		Date of completion of the search 26-04-1982	Examiner VAN ROOST