

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 196 905
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **86302382.6**(51) Int. Cl.³: **G 09 G 3/36**(22) Date of filing: **01.04.86**(30) Priority: **03.04.85 GB 8508709**(43) Date of publication of application:
08.10.86 Bulletin 86/41(88) Date of deferred publication of search report: **18.10.89**(84) Designated Contracting States:
DE FR IT(71) Applicant: **International Standard Electric Corporation**
320 Park Avenue
New York New York 10022(US)(72) Inventor: **Ayliffe, Peter John**
19 West Road
Stanstead Essex(GB)(72) Inventor: **Davey, Anthony Bernard**
26 Boyd Close
Bishops Stortford Herts(GB)(74) Representative: **Ruffhead, Philip Geoffrey**
RUFFHEAD & VAUFROUARD Maidstone Road S.T.C. Site
Foots Cray
Sidcup Kent DA14 5HT(GB)(54) **Addressing liquid crystal cells.**

(57) A method of addressing a matrix addressed ferroelectric liquid crystal cell is described that uses parallel entry of balanced bipolar data pulses on one set of electrodes to cooperate with serial entry of balanced bipolar strobe pulses on the other set of electrodes. The positive- and negative-going excursions of each data pulse are asymmetric, the excursion of one polarity having 'm' times the amplitude of the other and 1/mth the duration.

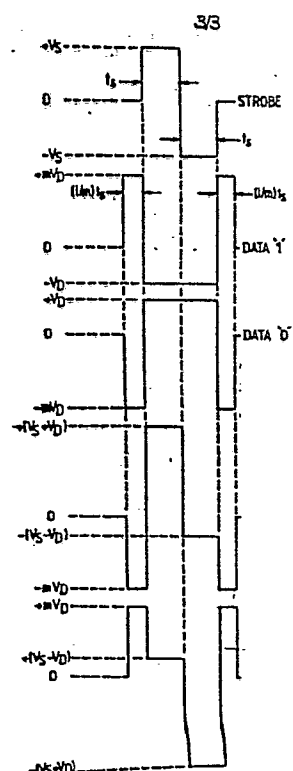


Fig. 3

EP 0 196 905 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0196905

Application Number

EP 86 30 2382

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 133 (P-362)[1856], 8th June 1985; & JP-A-60 15 624 (HITACHI SEISAKUSHO K.K.) 26-01-1985 & JP-A-45 91 886 (UMEDA et al.) ---	1	G 09 G 3/36
A, P D	EP-A-0 137 726 (INTERNATIONAL STANDARD ELECTRIC CORP.) * Abstract; claim 1; figure 2 * ---	1	
A	EP-A-0 120 732 (COMMISARIAT A L'ENERGIE ATOMIQUE) * Abstract; page 13, lines 14-23; figures 5a-5b * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			G 09 G 3/00 G 02 F 1/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-07-1989	Examiner DELPORTE B.P.M.
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 ----- & : member of the same patent family, corresponding document			