

Europäisches Patentamt

European Patent Office

Office européen des brevets



EP 0 903 721 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 21.07.1999 Bulletin 1999/29

(51) Int. Cl.⁶: **G09G 3/36**

(11)

(43) Date of publication A2: **24.03.1999 Bulletin 1999/12**

(21) Application number: 98113183.2

(22) Date of filing: 15.07.1998

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 12.09.1997 JP 26781997

(71) Applicant: Okita, Masaya Yono-shi, Saitama (JP)

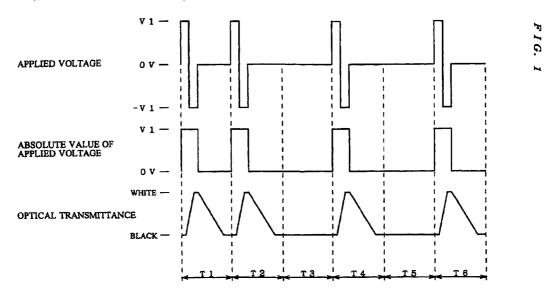
(72) Inventor: Okita, Masaya Yono-shi, Saitama (JP)

(74) Representative:
Schaumburg, Thoenes & Thurn
Postfach 86 07 48
81634 München (DE)

(54) Method for driving a nematic liquid crystal

(57) In a liquid crystal display device combining a nematic liquid crystal confined between two electrodes with polarizing plates, a voltage applied between two electrodes to drive the nematic liquid crystal is maintained in a predetermined value for a predetermined

duration of time in predetermined intervals to increase the response speed and to realize color images by tricolor back-lighting or moving images equivalent to or more excellent than those by CRT displays.



EP 0 903 721 A3



EUROPEAN SEARCH REPORT

Application Number EP 98 11 3183

Category	Citation of document with in of relevant pass	ndication, where appropriate, ages		elevant claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
X	DE 23 46 974 A (COM ATOMIQUE) 3 April 1 * page 14, line 12 figure 3 *	975		2	G09G3/36
A	EP 0 424 030 A (MAT LTD) 24 April 1991 * page 4, line 54 - figures 8-98 *		IND CO 1,2	2	
A	EP 0 438 093 A (HON 24 July 1991 * abstract; figure		3		
					TECHNICAL FIELDS SEARCHED (Int.Cl.6)
					G09G
	The present search report has	peen drawn up for all claims			
	Place of search	Date of completion of the	ne search	. <u>-</u>	Examiner
	THE HAGUE	31 May 199	9	Van	Roost, L
X : part Y : part doct A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anoturnent of the same category inclogical background in-written disclosure	T : theo E : earli after D : docu L : docu	y or principle under patent documer the filing date ment cited in the ment cited for othe	erlying the i t, but publi- application or reasons	nvention

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 98 11 3183

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

31-05-1999

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 2346974	Α	03-04-1975	CA	1006939 A	15-03-19
EP 0424030	Α	24-04-1991	JP KR US	3132692 A 9401360 B 5162932 A	06-06-19 19-02-19 10-11-19
EP 0438093	Α	24-07-1991	US JP	5088806 A 7072459 A	18-02-19 17-03-19

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82