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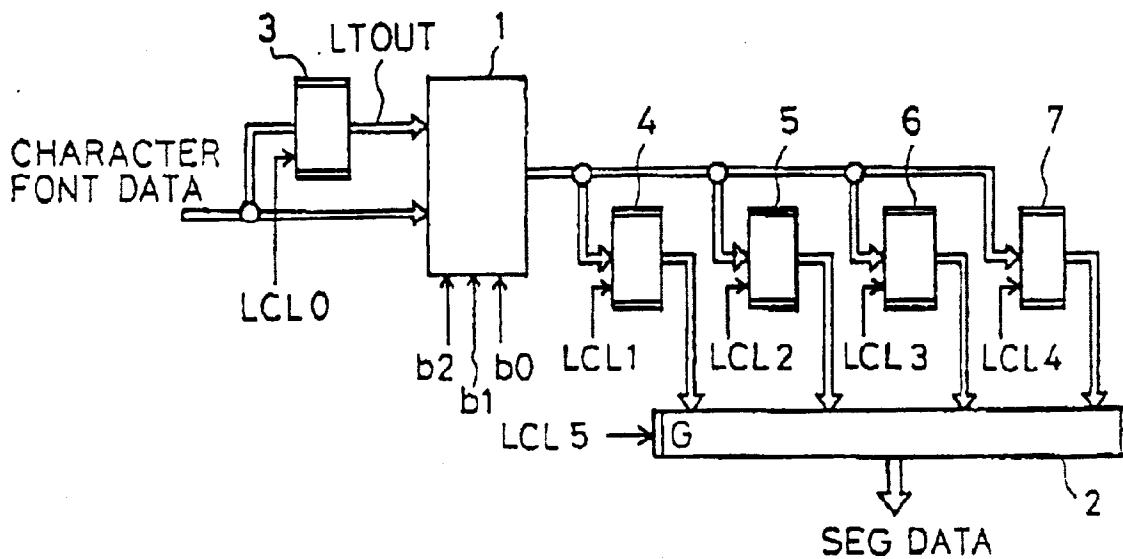
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(54) Liquid crystal driving apparatus and personal instruments incorporating the same

(57) In a liquid crystal driving apparatus, character font data of two characters which are continuously read out from a character font ROM are shifted by any number of dots by a shifter (1), and a shift result is

latched every character to be displayed. A data shift operation is carried out while removing blank data corresponding to boundaries between characters in display data of one line in a horizontal direction (data of one common line) in a 6-dot font display mode.

FIG. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 5812

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.6)
A	US 4 538 145 A (MITANI ET AL.) * Abstract * * column 1, line 5 - line 49; figures 1,2,4,12 * * column 3, line 11 - line 34 * * column 5, line 34 - column 6, line 44 * ---	1,8	G09G3/36 G09G3/20
A	DE 31 49 897 A (CASIO COMPUTER CO. LTD.) * Abstract * * page 9, line 32 - page 14, line 24; figures 1,2 * ---	1,4,5,8	
A	US 4 358 761 A (IWASAKI) * Abstract * * column 1, line 14 - line 31; figures 1-7E * * column 7, line 38 - column 12, line 21 * -----	2,3,5-7, 9	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G09G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 September 1997	Examiner Corsi, F
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	

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