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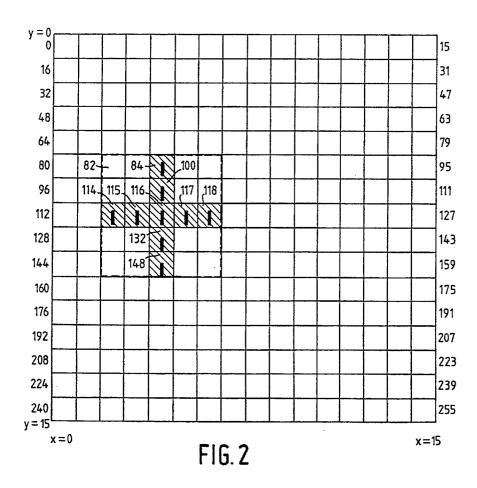
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- (54) Data display.
- 57) A logic processor-controlled data display apparatus having a display memory in which pixel data representing text for display is stored in bit-map form. The pixel data is produced for each display from character data stored in a background memory. When the character data is stored in bit-map form it can be read directly from the background memory bit-by-bit and written into the display memory as the pixel data. However, this process takes a large number of programme steps, so that the transfer of the data is relatively slow. The present invention provides for the storage in the background memory of character data in the form of machine code subroutines. The sub-routine for a character contains instructions for identifying the shape-defining pixels (dots) of the character relative to a base dot position and the sub-routine is run to write these pixels into the display memory following location of the base dot position in the display memory. Figures 2 and 4 exemplify the invention.

						PIXEL
M/C INSTR.						POSN
1.	MOVE	В	# 2,	DO	=	COLOUR
2.	MOVE	В	# 82,	AO	=	82
3.	MOVE	В	DO,2	(AO)	=	84
4.	MOVE	В	DO,18	(AO)	=	100
5.	MOVE	В	DO,32	(AO)	=	114
6.	MOVE	В	DO,33	(AO)	=	115
7.	MOVE	В	DO,34	(AO)	=	116
8.	MOVE	В	DO,35	(AO)	=	117
9.	MOVE	В	DO,36	(AO)	=	118
10.	MOVE	В	DO,50	(AO)	=	132
11.	MOVE	В	DO,66	(AO)	=	148
12.	JUMP					

FIG. 4



EUROPEAN SEARCH REPORT

	DOCUMENTS CONS	EP 87200221.		
Category		th indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI.4)
A	GB - A - 2 007 (DIAB) * Abstract	<u>*</u>	1	G 09 G 1/16
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				TECHNICAL FIELDS SEARCHED (Int. CI.4)
				G 06 F 15/00 G 09 G 1/00 G 09 G 5/00
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The present search report has been drawn up for all cla Place of search Date of complete 3.0-0.4-1				Exampler KUNZE
Y : partid docu	CATEGORY OF CITED DOCL cularly relevant if taken alone cularly relevant if combined w ment of the same category	E : eat	eory or principle unde	rlying the invention , but published on, or
O: non-v	nological background written disclosure mediate document		ember of the same pat	ent family, corresponding