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EUROPEAN PATENT APPLICATION

21 Application number: **88112554.6**

51 Int. Cl.⁵: **G09G 1/16, G09G 1/28**

22 Date of filing: **02.08.88**

30 Priority: **20.10.87 US 110902**

43 Date of publication of application:
26.04.89 Bulletin 89/17

64 Designated Contracting States:
DE FR GB NL

68 Date of deferred publication of the search report:
13.06.90 Bulletin 90/24

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54 **Double buffered graphics design system.**

57 A graphic display system comprises a video display controller including two similar frame buffer memories for alternatively receiving and storing incoming pixel data and for periodically refreshing a display on a screen selectively in accordance with pixel data stored by either one of the two frame buffer memories. While the video display controller periodically refreshes the screen display in accordance with the pixel data stored in a first of the frame buffer memories, incoming pixel data is stored in the second frame buffer memory. The video display controller begins periodically refreshing the screen display in accordance with the pixel data stored in the second frame buffer memory. Updated pixel data stored in the second frame buffer memory is then copied into the first frame buffer memory.

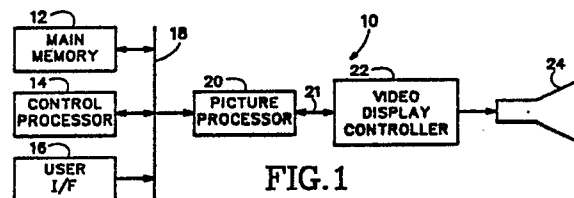


FIG. 1

EP 0 312 720 A3



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	EP-A-0 231 061 (INTERNATIONAL BUSINESS MACHINES CORP.) * column 3, line 30 - column 5, line 26; figure 1 *	7	G 09 G 1/16 G 09 G 1/28
X	EP-A-0 219 552 (ANRITSU CORP.) * page 7, line 19 - page 11, line 13; figure 1 *	3,7	
A		5,8,10,12	
X	EP-A-0 194 092 (COMPUTER GRAPHICS LABORATORIES INC.) * page 46, line 23 - page 50, line 14; figures 16,17 *	3,7	
A		5,8,10,12	
X	IBM TECHNICAL DISCLOSURE BULLETIN vol. 26, no. 6, November 1983, pages 2906,2907, New York, US; W. HALL et al.: "Low cost, high resolution IBM 3101 Graphics" * the entire document *	7	
X	EP-A-0 237 706 (INTERNATIONAL BUSINESS MACHINES CORP.) * column 4, lines 36 - column 6, line 7; figure 1 *	7	
P,X	EP-A-0 268 687 (FANUC LTD.) * the entire document *	1,2,7	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 27-02-1990	Examiner KELPERIS K.
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	