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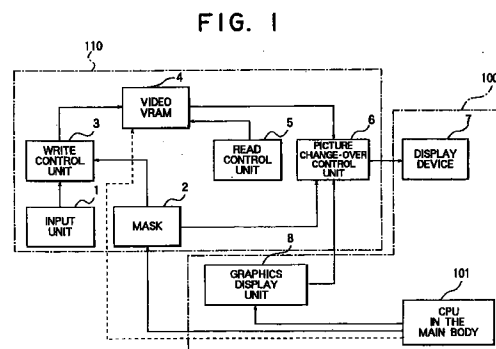
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(54) Video picture display device and method for controlling video picture display

(57) A video picture written in the bit map memory (4) is displayed in a redetermined area on the display screen (70) of the display device (7) within the computer main body (100). The masking memory (2) having a bit number equal to or less than the number of the pixels of the video picture to be inputted is provided separate from the bit map memory (4). When the pixel data of the video picture data has been inputted, the input pixel data is selectively written in the bit map memory (4) based on the contents of the masking memory (2). In displaying a compressed picture of the input video picture on the display screen, an oblique line generating algorithm is used.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 93 11 6496

| 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.5) |
| X                                                                                | GB 2 215 956 A (BENCHMARK TECHNOLOGIES LTD.)                                  | 1,14                                                                    | G09G1/16                                     |
| Y                                                                                | * abstract *                                                                  | 13                                                                      | G06F3/14                                     |
| A                                                                                | * page 16, line 10 - line 23 *                                                | 2-8, 15-18                                                              | G09G5/14                                     |
|                                                                                  | * page 21, line 9 - page 22, line 5 *                                         |                                                                         |                                              |
|                                                                                  | * page 51, line 3 - page 52, line 3 *                                         |                                                                         |                                              |
|                                                                                  | * page 61, line 21 - page 62, line 16; figures 1-14 *                         |                                                                         |                                              |
|                                                                                  | ---                                                                           |                                                                         |                                              |
| X                                                                                | US 4 947 257 A (FERNANDEZ ET AL)                                              | 18                                                                      |                                              |
| Y                                                                                | * abstract *                                                                  | 13                                                                      |                                              |
| A                                                                                | * column 3, line 3 - line 25 *                                                | 6-8,16, 17                                                              |                                              |
|                                                                                  | * column 2, line 57 - line 61 *                                               |                                                                         |                                              |
|                                                                                  | ---                                                                           |                                                                         |                                              |
| A                                                                                | EP 0 431 845 A (RASTEROPS CORP.)                                              | 1-8, 13-18                                                              |                                              |
|                                                                                  | * abstract *                                                                  |                                                                         |                                              |
|                                                                                  | * page 3, line 4 - line 13 *                                                  |                                                                         |                                              |
|                                                                                  | * page 7, line 1 - line 13 *                                                  |                                                                         |                                              |
|                                                                                  | * page 7, line 40 - page 8, line 6 *                                          |                                                                         |                                              |
|                                                                                  | -----                                                                         |                                                                         |                                              |
| The present search report has been drawn up for all claims                       |                                                                               |                                                                         | TECHNICAL FIELDS SEARCHED (Int.Cl.5)         |
|                                                                                  |                                                                               |                                                                         | G09G                                         |
| Place of search                                                                  | Date of completion of the search                                              | Examiner                                                                |                                              |
| THE HAGUE                                                                        | 28 November 1996                                                              | D.J. O'REILLY                                                           |                                              |
| CATEGORY OF CITED DOCUMENTS                                                      |                                                                               | T : theory or principle underlying the invention                        |                                              |
| X : particularly relevant if taken alone                                         |                                                                               | E : earlier patent document, but published on, or after the filing date |                                              |
| Y : particularly relevant if combined with another document of the same category |                                                                               | D : document cited in the application                                   |                                              |
| A : technological background                                                     |                                                                               | L : document cited for other reasons                                    |                                              |
| O : non-written disclosure                                                       |                                                                               | .....                                                                   |                                              |
| P : intermediate document                                                        |                                                                               | & : member of the same patent family, corresponding document            |                                              |

EPO FORM 1503 03.82 (P4/C01)