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(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
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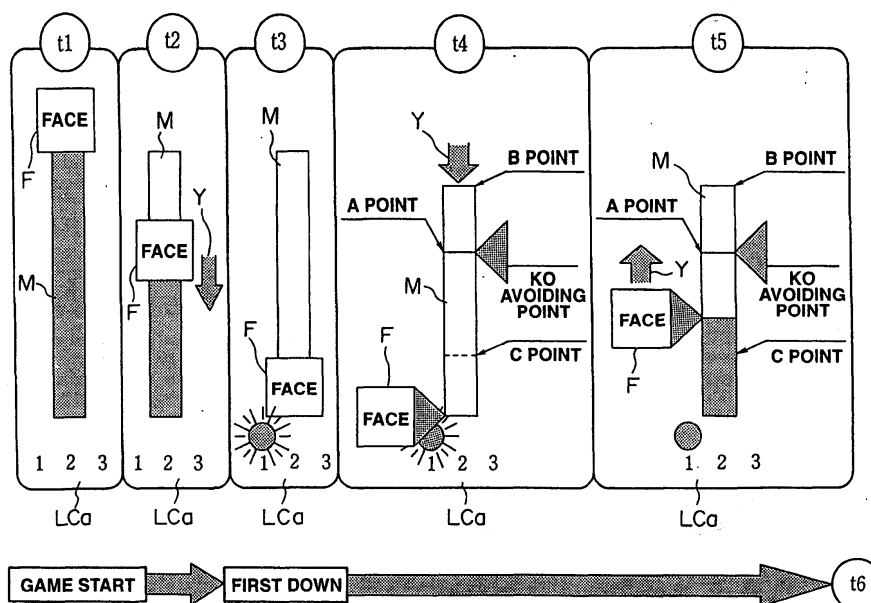
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(54) **Image processor and game device with image processor**

(57) An image processor comprises an image processing means for carrying out an image processing for displaying a display member based on an operating signal, and an image processed surplus power display control means for displaying a surplus power in image processing applied to the display member as an image.

The image processed surplus power display control means includes a whole surplus power display control means for displaying a whole surplus power, a display control means of a remaining surplus power relative to a whole surplus power and a whole surplus power changing means for gradually changing the whole surplus power as an image processing progresses.

FIG.15





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 01 5470

| 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 | EP 0 634 727 A (CASIO COMPUTER CO LTD) 18 January 1995 (1995-01-18) * column 5, line 7 - line 15 * * column 6, line 32 - line 38 * * column 15, line 20 - line 50 * ----- | 1,3-5,7, 8 | G06T15/00 A63F9/24 A63F13/10 |
| A | US 5 229 756 A (KOSUGI ET AL) 20 July 1993 (1993-07-20) * column 16, line 18 - line 62 * * column 17, line 4 - line 34; figures 17,18 * ----- | 1,2,4,5, 7,8 | |
| P,A | JP 07 155463 A (HUDSON SOFT CO LTD) 20 June 1995 (1995-06-20) * see the automatic translation enclosed with this document * * paragraphs [0027] - [0032]; figures 4-7 * ----- | 1,3-5,7, 8 | |
| P,A | & PATENT ABSTRACTS OF JAPAN vol. 1995, no. 09, 31 October 1995 (1995-10-31) & JP 07 155463 A (HUDSON SOFT CO LTD), 20 June 1995 (1995-06-20) * abstract * ----- | 1,3-5,7, 8 | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) |
| | | | G06T A63F G06F |
| The present search report has been drawn up for all claims | | | |
| Place of search | | Date of completion of the search | Examiner |
| The Hague | | 23 June 2005 | Goy, S |
| 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 | |

EPO FORM 1508 03.82 (P04/C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-5,7,8



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-5,7,8

Control means for controlling the display of power level

2. claims: 6,7,8

processor for filtering input data based on input frequency

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

EP 04 01 5470

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
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23-06-2005

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|------------------------------|--------------------------|
| EP 0634727 | A | 18-01-1995 | CN 1100967 A US 5580308 A | 05-04-1995 03-12-1996 |
| US 5229756 | A | 20-07-1993 | NONE | |
| JP 7155463 | A | 20-06-1995 | NONE | |

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