



(11) **EP 1 191 793 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **23.01.2008 Bulletin 2008/04** (51) Int Cl.: **H04N 7/173 (2006.01) H04N 7/24 (2006.01)**

(43) Date of publication A2: **27.03.2002 Bulletin 2002/13**

(21) Application number: **01308099.9**

(22) Date of filing: **24.09.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **25.09.2000 JP 2000290540**

(71) Applicant: **Monolith Co., Ltd. Tokyo 106-0045 (JP)**

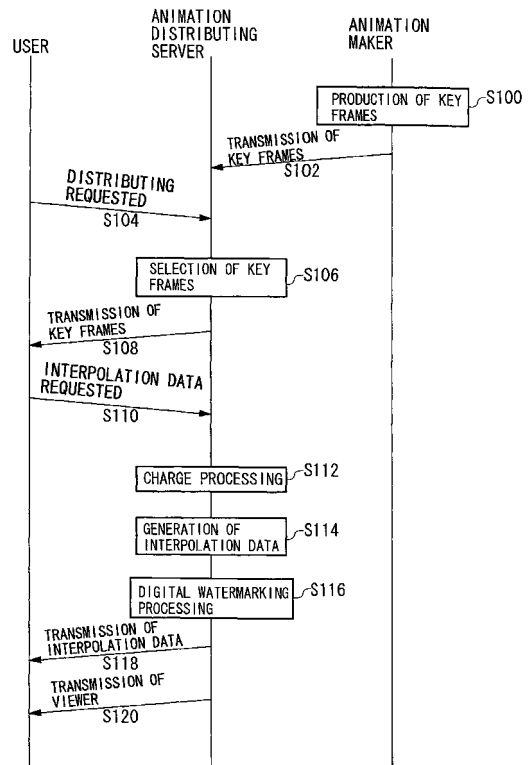
(72) Inventors:
• **Akiyoshi, Kozo, c/o Monolith Co. Ltd Tokyo 106-0045 (JP)**
• **Akiyoshi, Nobuo, c/o Monolith Co. Ltd Tokyo 106-0045 (JP)**

(74) Representative: **Schröer, Gernot H. Meissner, Bolte & Partner GbR Bankgasse 3 90402 Nürnberg (DE)**

(54) **Animation distributing method, animation distributing server and corresponding system**

(57) When an animation distributing server receives from a user a request to distribute animation, the server selects key frames to be transmitted and transmits the selected key frames to the user. Thereafter, interpolation data are generated, a digital watermarking processing is performed thereon, and the interpolation data are transmitted to the user. Moreover, a viewer is sent to the user. The key frames and the interpolation data are transmitted separately in a manner such that they can be integrated into one at the user side.

FIG. 2



EP 1 191 793 A3



| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|---|---|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (IPC) |
| X | PEJHAN S ET AL: "Dynamic Frame rate Control for Video Streams" PROCEEDINGS OF THE SEVENTH ACM INTERNATIONAL CONFERENCE ON MULTIMEDIA, 30 October 1999 (1999-10-30), pages 141-144, XP001034814 * abstract * * page 141, left-hand column, line 26 - line 35 * * page 141, right-hand column, line 1 - line 6 * * page 141, right-hand column, line 22 - line 29 * * page 142, left-hand column, line 13 - line 37 * * page 142, right-hand column, line 12 - line 14 * * figure 1 * | 1-5,7, 15-17,19 | INV. H04N7/173 H04N7/24 |
| X | ----- US 6 081 278 A (CHEN SHENCHANG ERIC [US]) 27 June 2000 (2000-06-27) * abstract * * page 1, line 35 - line 41 * * column 2, line 1 - line 12 * * column 3, line 12 - line 16 * * column 3, line 31 - line 34 * * column 3, line 43 - line 49 * * column 4, line 64 - column 5, line 28 * * column 6, line 28 - line 37 * * column 13, line 32 - line 58 * * column 16, line 65 - line 67 * | 1,15,17 | TECHNICAL FIELDS SEARCHED (IPC) H04N |
| A | ----- | 8-14 | |
| A | US 6 018 592 A (SHINAGAWA YOSHIHISA [JP] ET AL) 25 January 2000 (2000-01-25) * column 2, line 45 - column 4, line 9 * ----- | 1-19 | |
| The present search report has been drawn up for all claims | | | |
| 3 | Place of search Berlin | Date of completion of the search 18 December 2007 | Examiner Sampels, Michael |
| CATEGORY OF CITED DOCUMENTS | | 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 | |
| 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 | | | |

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

EP 01 30 8099

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-12-2007

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|--|---|------------------|-------------------------|------------------|
| US 6081278 | A | 27-06-2000 | NONE | |
| ----- | | | | |
| US 6018592 | A | 25-01-2000 | JP 2927350 B2 | 28-07-1999 |
| | | | JP 10269355 A | 09-10-1998 |
| ----- | | | | |

EPO FORM P0459

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