METHOD FOR CONVERSION AND REPRODUCTION OF FILM IMAGES THROUGH A DIGITAL PROCESS

Film Separation Transfer Functions

Original Color Negative

Film Separations

Oxidized Color Negative

(54) Title: METHOD FOR CONVERSION AND REPRODUCTION OF FILM IMAGES THROUGH A DIGITAL PROCESS

(57) Abstract: The present invention relates to a method for directly converting visual images, such as motion picture film, to a digital format and recording stable archival film elements so that a digitally-recorded film master or other visual image can be accurately reproduced without the necessity of creating a digital intermediate.
(15) Information about Correction:
Previous Correction:
see PCT Gazette No. 14/2006 of 6 April 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   HO4N1/46  HO4N1/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   HO4N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practical, search terms used)
   EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5 499 044 A (COLLETTE ET AL) 12 March 1996 (1996-03-12) column 3, line 34 - column 4, line 37; figures 1,2</td>
<td>1-17</td>
</tr>
<tr>
<td>X</td>
<td>ADO ISHI: &quot;Color Management Technology for Digital Film Mastering&quot; IS&amp;T/SID'S ELEVENTH COLOR IMAGING CONFERENCE, 3 November 2003 (2003-11-03), pages 319-325, XP002353841 United States of America page 319, right-hand column, lines 41,42 page 320, left-hand column, lines 6-9; figure 1</td>
<td>1-17</td>
</tr>
<tr>
<td>X</td>
<td>EP 0 619 674 A (EASTMAN KODAK COMPANY) 12 October 1994 (1994-10-12) the whole document</td>
<td>1-17</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:
   *A* document defining the general state of the art which is not considered to be of particular relevance
   *E* earlier document but published on or after the international filing date
   *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
   *O* document referring to an oral disclosure, use, exhibition or other means.
   *P* document published prior to the international filing date but later than the priority date claimed
   *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
   *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
   *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilful in the art.
   *S* document member of the same patent family

Date of the actual completion of the international search 15 November 2005
Date of mailing of the international search report 03/01/2006

Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2400, Tx. 31 651 epo nl, Fax (+31-70) 340-3016

Authorized officer Weber-Kluz, F
<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>CHUCK HARRISON: &quot;The Evolving Digital Workflow in Cinema&quot;&lt;br&gt;IS&amp;T/SID'S ELEVENTH COLOR IMAGING CONFERENCE, 3 November 2003 (2003-11-03), pages 313-318, XP002353842&lt;br&gt;United States of America&lt;br&gt;page 314, right-hand column, lines 44-48&lt;br&gt;page 315, left-hand column, line 6 - page 317, left-hand column, line 49</td>
<td>1-17</td>
</tr>
<tr>
<td>Patent document cited in search report</td>
<td>Publication date</td>
<td>Patent family member(s)</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-----------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>US 5499044 A 12-03-1996 NONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>US 5329383 A</td>
<td>12-07-1994</td>
</tr>
</tbody>
</table>