(54) Title: EMBEDDING IDENTIFICATION DATA INTO A WORK

(57) Abstract: A method for deterring or detecting the unauthorized dissemination or copying of a work is presented. Personal identification data is embedded into a work before the work is sent over a communication link (160) to a receiver (180). The work is then sent over the communication link (160) to the receiver (180).
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:
— as to applicant's entitlement to apply for and be granted a
  patent (Rule 4.17(ii))
— as to the applicant's entitlement to claim the priority of the
  earlier application (Rule 4.17(iii))

Published:
— with international search report

(88) Date of publication of the international search report:
    13 July 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.
### A. CLASSIFICATION OF SUBJECT MATTER

**IPC:** H04K 1/00(2006.01); H04N 7/038(2006.01)

**USPC:** 382/100; 348/461

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)

- U.S.: 382/100, 232; 380/200, 210; 348/461, 467; 725/34, 86, 87, 109, 112, 113

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

### 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>
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<tbody>
<tr>
<td>Y</td>
<td>US 2003/0101475 A1 (Tiemann) 29 May 2003, see paragraphs [0008]-[0014].</td>
<td>16-17, 21, 35 and 45-50</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,430,302 B2 (Rhoads) 06 August 2002, see column 33, line 46 through column 35, line 43 and column 55, line 13 through column 56, line 27.</td>
<td>45-46</td>
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</table>

- Further documents are listed in the continuation of Box C.
- See patent family annex.

- **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 novel or 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 skilled in the art
- **E** reference to another document containing the same invention in such a way that a skilled person would recognize that the inventors could not reasonably have obtained the content of the document from the invention in the international application to which the reference is made
- **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

**Date of the actual completion of the international search**
23 March 2006 (23.03.2006)

**Date of mailing of the international search report**
28 April 2006

**Name and mailing address of the ISA/US**
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201

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Form PCT/ISA/210 (second sheet) (April 2005)
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