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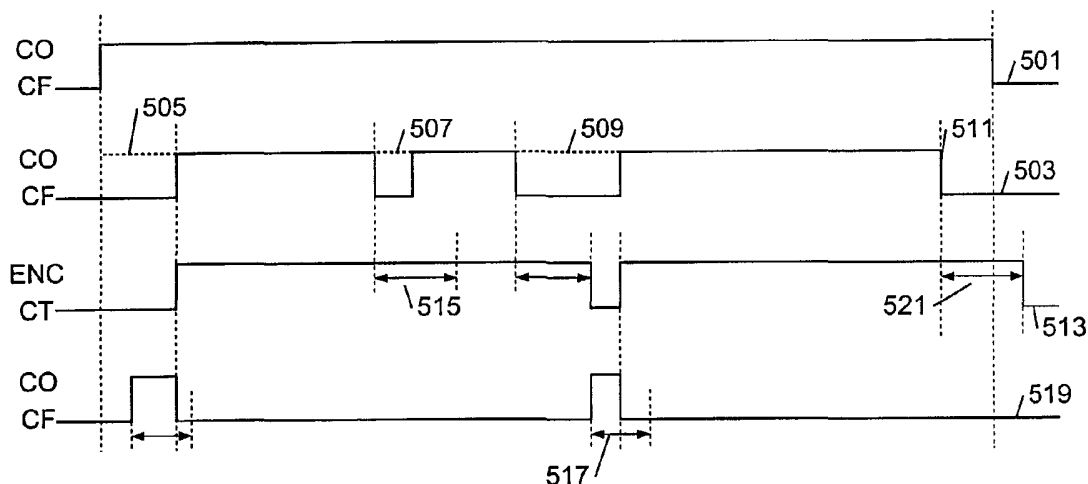
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESSING COPY PROTECTION SIGNALS



(57) Abstract: The invention relates to a method and an arrangement for recording an information signal with first copy protection information to a storage medium using recording means, the recording being performed according to first copy rules identified by the first copy protection information. The method comprises the steps of detecting said first copy protection information identifying said first copy rules, recording at least second copy protection information according to said detected first copy rules, said first and at least second copy protection information identifying a legality message to be interpreted by reading means, the at least second copy protection information changing within a predefined time interval after the change in said detected first copy rules according to an interpreting rule.

INTERNATIONAL SEARCH REPORT

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PCT/IB 02/00351

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00 G11B20/00 H04N5/913

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)
IPC 7 G11B H04N

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 969 462 A (PIONEER ELECTRONIC CORP) 5 January 2000 (2000-01-05) column 3, line 23 -column 12, line 21; figures ---	1-17
A	COX I J ET AL: "SOME GENERAL METHODS FOR TAMPERING WITH WATERMARKS", IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, VOL. 16, NR. 4, PAGE(S) 587-593 XP000765117 ISSN: 0733-8716 page 487, paragraph II -page 592, paragraph VI ---	1-17
A	US 5 949 885 A (LEIGHTON F THOMSON) 7 September 1999 (1999-09-07) column 2, line 2 -column 2, line 64; figures -----	1-17



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Patent family members are listed in annex.

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0969462	A	05-01-2000	JP	2000023088	A	21-01-2000
			EP	0969462	A1	05-01-2000
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US 5949885	A	07-09-1999	US	5664018	A	02-09-1997
			AU	9208298	A	16-03-1999
			EP	1019889	A2	19-07-2000
			WO	9910858	A2	04-03-1999
			AU	2076097	A	01-10-1997
			EP	0888676	A1	07-01-1999
			WO	9734391	A1	18-09-1997
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